



-1-

SEQUENCE LISTING

RECEIVED  
JUL 17 2002  
TECH CENTER 1600/2900

B  
<110> Jones, John  
Sette, Alessandro  
Sidney, John  
Southwood, Scott  
Chesnut, Robert  
Celis, Esteban  
Keogh, Elissa

<120> Inducing Cellular Immune Responses To  
p53 Using Peptide And Nucleic Acid Compositions

<130> 2060.0120000

<140> US 09/458,297

<141> 1999-12-10

<150> US 08/027,146

<151> 1993-03-05

<150> US 08/073,205

<151> 1993-06-04

<150> US 08/159,184

<151> 1993-11-29

<150> US 08/205,713

<151> 1994-03-04

<150> US 09/189,702

<151> 1998-11-10

<160> 1492

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1

Cys Thr Thr Ile His Tyr Asn Tyr

1

5

<210> 2

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 2

Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe

1

5

10

<210> 3  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 3  
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 4  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 4  
Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5 10

<210> 5  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 5  
Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 6  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 6  
Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 7  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 7  
Gly Ser Tyr Gly Phe Arg Leu Gly Phe

1

5

<210> 8  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 8  
Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 9  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 9  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 10  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 10  
Lys Thr Cys Pro Val Gln Leu Trp  
1 5

<210> 11  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 11  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 12  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 12  
Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 13  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 13  
Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5

<210> 14  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 14  
Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5 10

<210> 15  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 15  
Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5 10

<210> 16  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 16  
Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 17  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Synthetic Peptide

<400> 17  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 18  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 18  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5 10

<210> 19  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 19  
Asn Leu Leu Gly Arg Asn Ser Phe  
1 5

<210> 20  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 20  
Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 21  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 21  
Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5 10

<210> 22

<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 22  
Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 23  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 23  
Gln Ile Arg Gly Arg Glu Arg Phe  
1 5

<210> 24  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 24  
Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe  
1 5 10

<210> 25  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 25  
Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp  
1 5 10

<210> 26  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 26  
Gln Ser Thr Ser Arg His Lys Lys Leu Met Phe  
1 5 10

<210> 27  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 27  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 28  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 28  
Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5 10

<210> 29  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 29  
Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 30  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 30  
Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe  
1 5 10

<210> 31  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 31

Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5					10

<210> 32  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5				

<210> 33  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

Ser	Thr	Ser	Arg	His	Lys	Lys	Leu	Met	Phe
1				5					10

<210> 34  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

Ser	Val	Glu	Pro	Pro	Leu	Ser	Gln	Glu	Thr	Phe
1				5					10	

<210> 35  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5			

<210> 36  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 36

Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe
1				5					10

<210> 37

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 37

Thr	Ser	Arg	His	Lys	Lys	Leu	Met	Phe
1				5				

<210> 38

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 38

Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe
1				5			

<210> 39

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 39

Tyr	Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe
1				5				

<210> 40

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 40

Ala	Ala	Pro	Ala	Pro	Ala	Pro	Ser	Trp	Pro	Leu
1				5						10

<210> 41

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 41

Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 42

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 42

Ala Ala Pro Pro Val Ala Pro Ala Pro Ala  
1 5 10

<210> 43

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 43

Ala Ala Pro Pro Val Ala Pro Ala Pro Ala Ala  
1 5 10

<210> 44

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 44

Ala Ala Pro Thr Pro Ala Ala Pro Ala  
1 5

<210> 45

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 45

Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala  
1 5 10

<210> 46

<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 46  
Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5

<210> 47  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 47  
Ala Ile Tyr Lys Gln Ser Gln His Met Thr  
1 5 10

<210> 48  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 48  
Ala Leu Glu Leu Lys Asp Ala Gln Ala  
1 5

<210> 49  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 49  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 50  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 50  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 51  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 51  
Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 52  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 52  
Cys Ala Cys Pro Gly Arg Asp Arg Arg Thr  
1 5 10

<210> 53  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 53  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile  
1 5 10

<210> 54  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 54  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu  
1 5 10

<210> 55  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 55



Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 56  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 56  
Cys Gln Leu Ala Lys Thr Cys Pro Val Gln Leu  
1 5 10

<210> 57  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 57  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 58  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 58  
Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met  
1 5 10

<210> 59  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 59  
Asp Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 60  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 60

Asp Leu Trp Lys Leu Leu Pro Glu Asn Asn Val  
1 5 10

<210> 61

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 61

Glu Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 62

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 62

Glu Ala Ala Pro Pro Val Ala Pro Ala Pro Ala  
1 5 10

<210> 63

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 63

Glu Ala Leu Glu Leu Lys Asp Ala  
1 5

<210> 64

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 64

Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala  
1 5 10

<210> 65

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 65

Glu Ala Pro Arg Met Pro Glu Ala  
1 5

<210> 66

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 66

Glu Ala Pro Arg Met Pro Glu Ala Ala  
1 5

<210> 67

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 67

Glu Leu Asn Glu Ala Leu Glu Leu  
1 5

<210> 68

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 68

Glu Leu Asn Glu Ala Leu Glu Leu Lys Asp Ala  
1 5 10

<210> 69

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 69

Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala  
1 5 10

<210> 70

<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 70  
Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala Leu  
1 5 10

<210> 71  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 71  
Glu Met Phe Arg Glu Leu Asn Glu Ala  
1 5

<210> 72  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 72  
Glu Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5 10

<210> 73  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 73  
Glu Thr Phe Ser Asp Leu Trp Lys Leu  
1 5

<210> 74  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 74  
Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu  
1 5 10

<210> 75  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 75  
Glu Val Gly Ser Asp Cys Thr Thr  
1 5

<210> 76  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 76  
Glu Val Gly Ser Asp Cys Thr Thr Ile  
1 5

<210> 77  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 77  
Phe Leu His Ser Gly Thr Ala Lys Ser Val  
1 5 10

<210> 78  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 78  
Phe Leu His Ser Gly Thr Ala Lys Ser Val Thr  
1 5 10

<210> 79  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 79

Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala  
1 5 10

<210> 80  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 80  
Gly Leu Ala Pro Pro Gln His Leu  
1 5

<210> 81  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 81  
Gly Leu Ala Pro Pro Gln His Leu Ile  
1 5

<210> 82  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 82  
Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val  
1 5 10

<210> 83  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 83  
Gly Met Asn Arg Arg Pro Ile Leu  
1 5

<210> 84  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 84

Gly Met Asn Arg Arg Pro Ile Leu Thr  
1 5

<210> 85

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 85

Gly Met Asn Arg Arg Pro Ile Leu Thr Ile  
1 5 10

<210> 86

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 86

Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile  
1 5 10

<210> 87

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 87

Gly Gln Ser Thr Ser Arg His Lys Lys Leu  
1 5 10

<210> 88

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 88

Gly Gln Ser Thr Ser Arg His Lys Lys Leu Met  
1 5 10

<210> 89

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 89  
Gly Thr Ala Lys Ser Val Thr Cys Thr  
1 5

<210> 90  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 90  
Gly Thr Arg Val Arg Ala Met Ala  
1 5

<210> 91  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 91  
Gly Thr Arg Val Arg Ala Met Ala Ile  
1 5

<210> 92  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 92  
His Leu Ile Arg Val Glu Gly Asn Leu  
1 5

<210> 93  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 93  
His Leu Ile Arg Val Glu Gly Asn Leu Arg Val  
1 5 10



<210> 94  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 94  
His Leu Lys Ser Lys Lys Gly Gln Ser Thr  
1 5 10

<210> 95  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 95  
Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5 10

<210> 96  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 96  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5 10

<210> 97  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 97  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 98  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 98  
Lys Leu Leu Pro Glu Asn Asn Val

1

5

<210> 99  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 99  
Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 100  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 100  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 101  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 101  
Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 102  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 102  
Lys Gln Ser Gln His Met Thr Glu Val Val  
1 5 10

<210> 103  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 103  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 104  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 104  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 105  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 105  
Leu Ala Lys Thr Cys Pro Val Gln Leu  
1 5

<210> 106  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 106  
Leu Ala Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5 10

<210> 107  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 107  
Leu Ala Pro Pro Gln His Leu Ile  
1 5

<210> 108  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 108

Leu Ala Pro Pro Gln His Leu Ile Arg Val  
1 5 10

<210> 109

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 109

Leu Ile Arg Val Glu Gly Asn Leu  
1 5

<210> 110

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 110

Leu Ile Arg Val Glu Gly Asn Leu Arg Val  
1 5 10

<210> 111

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 111

Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5

<210> 112

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 112

Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val  
1 5 10

<210> 113

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 113  
Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 114  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 114  
Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu  
1 5 10

<210> 115  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 115  
Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 116  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 116  
Leu Gln Ile Arg Gly Arg Glu Arg Phe Glu Met  
1 5 10

<210> 117  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 117  
Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 118  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 118  
Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr  
1 5 10

<210> 119  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 119  
Asn Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5 10

<210> 120  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 120  
Asn Thr Phe Arg His Ser Val Val  
1 5

<210> 121  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 121  
Asn Thr Phe Arg His Ser Val Val Val  
1 5

<210> 122  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 122  
Asn Val Leu Ser Pro Leu Pro Ser Gln Ala

1 5 10

<210> 123  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 123  
Asn Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5 10

<210> 124  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 124  
Pro Ala Ala Pro Thr Pro Ala Ala  
1 5

<210> 125  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 125  
Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala  
1 5 10

<210> 126  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 126  
Pro Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5 10

<210> 127  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 127  
Pro Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 128  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 128  
Pro Ala Pro Ala Ala Pro Thr Pro Ala  
1 5

<210> 129  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 129  
Pro Ala Pro Ala Ala Pro Thr Pro Ala Ala  
1 5 10

<210> 130  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 130  
Pro Ala Pro Ala Pro Ser Trp Pro Leu  
1 5

<210> 131  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 131  
Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
1 5 10

<210> 132  
<211> 8  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Synthetic Peptide

<400> 132

Pro Ile Leu Thr Ile Ile Thr Leu  
1 5

<210> 133

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 133

Pro Leu Asp Gly Glu Tyr Phe Thr  
1 5

<210> 134

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 134

Pro Leu Asp Gly Glu Tyr Phe Thr Leu  
1 5

<210> 135

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 135

Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile  
1 5 10

<210> 136

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 136

Pro Leu Pro Ser Gln Ala Met Asp Asp Leu  
1 5 10

<210> 137

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 137  
Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5 10

<210> 138  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 138  
Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu  
1 5 10

<210> 139  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 139  
Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr  
1 5 10

<210> 140  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 140  
Pro Gln His Leu Ile Arg Val Glu Gly Asn Leu  
1 5 10

<210> 141  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 141  
Pro Gln Pro Lys Lys Lys Pro Leu  
1 5

<210> 142  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 142  
Pro Gln Ser Asp Pro Ser Val Glu Pro Pro Leu  
1 5 10

<210> 143  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 143  
Pro Thr Pro Ala Ala Pro Ala Pro Ala  
1 5

<210> 144  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 144  
Pro Val Ala Pro Ala Pro Ala Ala  
1 5

<210> 145  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 145  
Pro Val Ala Pro Ala Pro Ala Ala Pro Thr  
1 5 10

<210> 146  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 146  
Pro Val Gln Leu Trp Val Asp Ser Thr

1

5

<210> 147  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 147  
Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala  
1 5 10

<210> 148  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 148  
Gln Ala Met Asp Asp Leu Met Leu  
1 5

<210> 149  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 149  
Gln Ile Arg Gly Arg Glu Arg Phe Glu Met  
1 5 10

<210> 150  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 150  
Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 151  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 151  
Gln Leu Ala Lys Thr Cys Pro Val Gln Leu  
1 5 10

<210> 152  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 152  
Arg Leu Gly Phe Leu His Ser Gly Thr  
1 5

<210> 153  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 153  
Arg Leu Gly Phe Leu His Ser Gly Thr Ala  
1 5 10

<210> 154  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 154  
Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 155  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 155  
Arg Met Pro Glu Ala Ala Pro Pro Val Ala  
1 5 10

<210> 156  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 156  
Arg Val Glu Gly Asn Leu Arg Val  
1 5

<210> 157  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 157  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu  
1 5 10

<210> 158  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 158  
Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr  
1 5 10

<210> 159  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 159  
Ser Gln Ala Met Asp Asp Leu Met  
1 5

<210> 160  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 160  
Ser Gln Ala Met Asp Asp Leu Met Leu  
1 5

<210> 161  
<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 161  
Ser Gln Glu Thr Phe Ser Asp Leu  
1 5

<210> 162  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 162  
Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu  
1 5 10

<210> 163  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 163  
Ser Gln His Met Thr Glu Val Val  
1 5

<210> 164  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 164  
Ser Thr Lys Arg Ala Leu Pro Asn Asn Thr  
1 5 10

<210> 165  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 165  
Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 166  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 166  
Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala  
1 5 10

<210> 167  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 167  
Ser Thr Ser Arg His Lys Lys Leu  
1 5

<210> 168  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 168  
Ser Thr Ser Arg His Lys Lys Leu Met  
1 5

<210> 169  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 169  
Ser Val Glu Pro Pro Leu Ser Gln Glu Thr  
1 5 10

<210> 170  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 170  
Ser Val Thr Cys Thr Tyr Ser Pro Ala



1

5

<210> 171  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 171  
Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5 10

<210> 172  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 172  
Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 173  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 173  
Thr Ala Lys Ser Val Thr Cys Thr  
1 5

<210> 174  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 174  
Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5

<210> 175  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 175  
Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 176  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 176  
Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 177  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 177  
Val Ala Pro Ala Pro Ala Ala Pro Thr  
1 5

<210> 178  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 178  
Val Ala Pro Ala Pro Ala Ala Pro Thr Pro Ala  
1 5 10

<210> 179  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 179  
Val Leu Ser Pro Leu Pro Ser Gln Ala  
1 5

<210> 180  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 180

Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5 10

<210> 181

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 181

Val Gln Leu Trp Val Asp Ser Thr  
1 5

<210> 182

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 182

Val Thr Cys Thr Tyr Ser Pro Ala  
1 5

<210> 183

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 183

Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5

<210> 184

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 184

Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5

<210> 185

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 185  
Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 186  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 186  
Trp Val Asp Ser Thr Pro Pro Pro Gly Thr  
1 5 10

<210> 187  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 187  
Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 188  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 188  
Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 189  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 189  
Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5

<210> 190  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 190  
Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5 10

<210> 191  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 191  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys  
1 5 10

<210> 192  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 192  
Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 193  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 193  
Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 194  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 194  
Cys Met Gly Gly Met Asn Arg Arg

1

5

<210> 195  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 195  
Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5

<210> 196  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 196  
Asp Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 197  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 197  
Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 198  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 198  
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 199  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 199  
Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5

<210> 200  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 200  
Glu Leu Asn Glu Ala Leu Glu Leu Lys  
1 5

<210> 201  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 201  
Glu Leu Pro Pro Gly Ser Thr Lys  
1 5

<210> 202  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 202  
Glu Leu Pro Pro Gly Ser Thr Lys Arg  
1 5

<210> 203  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 203  
Glu Thr Phe Ser Asp Leu Trp Lys  
1 5

<210> 204  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 204

Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg
1				5					10

<210> 205

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 205

Glu	Val	Val	Arg	Arg	Cys	Pro	His	His	Glu	Arg
1				5					10	

<210> 206

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 206

Phe	Leu	His	Ser	Gly	Thr	Ala	Lys
1				5			

<210> 207

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 207

Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg
1				5			

<210> 208

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 208

Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg
1				5					10

<210> 209

<211> 10



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 209  
Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 210  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 210  
Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 211  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 211  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5 10

<210> 212  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 212  
His Leu Ile Arg Val Glu Gly Asn Leu Arg  
1 5 10

<210> 213  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 213  
His Met Thr Glu Val Val Arg Arg  
1 5

<210> 214  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 214  
His Ser Ser His Leu Lys Ser Lys  
1 5

<210> 215  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 215  
His Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 216  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 216  
Lys Met Phe Cys Gln Leu Ala Lys  
1 5

<210> 217  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 217  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg  
1 5 10

<210> 218  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 218  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg

1 5 10

<210> 219  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 219  
Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5

<210> 220  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 220  
Leu Ile Arg Val Glu Gly Asn Leu Arg  
1 5

<210> 221  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 221  
Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 222  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 222  
Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys  
1 5 10

<210> 223  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 223  
Leu Ser Ser Ser Val Pro Ser Gln Lys  
1 5

<210> 224  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 224  
Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 225  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 225  
Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg  
1 5 10

<210> 226  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 226  
Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5 10

<210> 227  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 227  
Asn Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 228  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 228  
Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5

<210> 229  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 229  
Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5 10

<210> 230  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 230  
Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5 10

<210> 231  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 231  
Pro Leu Ser Ser Ser Val Pro Ser Gln Lys  
1 5 10

<210> 232  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 232  
Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg  
1 5 10

<210> 233  
<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 233  
Gln Ser Gln His Met Thr Glu Val Val Arg  
1 5 10

<210> 234  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 234  
Gln Ser Gln His Met Thr Glu Val Val Arg Arg  
1 5 10

<210> 235  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 235  
Gln Ser Thr Ser Arg His Lys Lys  
1 5

<210> 236  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 236  
Arg Ala His Ser Ser His Leu Lys  
1 5

<210> 237  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 237  
Arg Ala His Ser Ser His Leu Lys Ser Lys  
1 5 10

<210> 238  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 238  
Arg Ala His Ser Ser His Leu Lys Ser Lys Lys  
1 5 10

<210> 239  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 239  
Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10

<210> 240  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 240  
Arg Thr Glu Glu Glu Asn Leu Arg  
1 5

<210> 241  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 241  
Arg Thr Glu Glu Glu Asn Leu Arg Lys  
1 5

<210> 242  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 242  
Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys

1

5

10

<210> 243  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 243  
Arg Val Cys Ala Cys Pro Gly Arg  
1 5

<210> 244  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 244  
Arg Val Cys Ala Cys Pro Gly Arg Asp Arg  
1 5 10

<210> 245  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 245  
Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5 10

<210> 246  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 246  
Arg Val Glu Tyr Leu Asp Asp Arg  
1 5

<210> 247  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 247  
Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5

<210> 248  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 248  
Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 249  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 249  
Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 250  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 250  
Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 251  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 251  
Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 252  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 252

Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 253

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 253

Ser Ser Ser Pro Gln Pro Lys Lys  
1 5

<210> 254

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 254

Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 255

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 255

Ser Ser Ser Val Pro Ser Gln Lys  
1 5

<210> 256

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 256

Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 257

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 257  
Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 258  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 258  
Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 259  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 259  
Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5

<210> 260  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 260  
Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 261  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 261  
Thr Ser Ser Ser Pro Gln Pro Lys  
1 5

<210> 262  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 262  
Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5

<210> 263  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 263  
Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5 10

<210> 264  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 264  
Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 265  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 265  
Val Val Arg Arg Cys Pro His His Glu Arg  
1 5 10

<210> 266  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 266  
Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg

1 5 10

<210> 267  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 267  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 268  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 268  
Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5

<210> 269  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 269  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 270  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 270  
Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 271  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 271  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile  
1 5 10

<210> 272  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 272  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu  
1 5 10

<210> 273  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 273  
Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 274  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 274  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 275  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 275  
Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met  
1 5 10

<210> 276  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 276

Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5 10

<210> 277

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 277

Asp Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 278

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 278

Glu Leu Asn Glu Ala Leu Glu Leu  
1 5

<210> 279

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 279

Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala Leu  
1 5 10

<210> 280

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 280

Glu Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5 10

<210> 281

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 281  
Glu Thr Phe Ser Asp Leu Trp Lys Leu  
1 5

<210> 282  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 282  
Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu  
1 5 10

<210> 283  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 283  
Glu Val Gly Ser Asp Cys Thr Thr Ile  
1 5

<210> 284  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 284  
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 285  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 285  
Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5



<210> 286  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 286  
Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5 10

<210> 287  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 287  
Gly Leu Ala Pro Pro Gln His Leu  
1 5

<210> 288  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 288  
Gly Leu Ala Pro Pro Gln His Leu Ile  
1 5

<210> 289  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 289  
Gly Met Asn Arg Arg Pro Ile Leu  
1 5

<210> 290  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 290  
Gly Met Asn Arg Arg Pro Ile Leu Thr Ile

1 5 10

<210> 291  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 291  
Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile  
1 5 10

<210> 292  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 292  
Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 293  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 293  
Gly Thr Arg Val Arg Ala Met Ala Ile  
1 5

<210> 294  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 294  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 295  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 295  
His Leu Ile Arg Val Glu Gly Asn Leu  
1 5

<210> 296  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 296  
His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met  
1 5 10

<210> 297  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 297  
Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5 10

<210> 298  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 298  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5 10

<210> 299  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 299  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 300  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 300

Ile Tyr Lys Gln Ser Gln His Met  
1 5

<210> 301

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 301

Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 302

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 302

Lys Thr Cys Pro Val Gln Leu Trp  
1 5

<210> 303

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 303

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 304

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 304

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 305

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 305  
Leu Ile Arg Val Glu Gly Asn Leu  
1 5

<210> 306  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 306  
Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 307  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 307  
Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu  
1 5 10

<210> 308  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 308  
Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 309  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 309  
Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 310  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 310  
Leu Trp Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5 10

<210> 311  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 311  
Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5

<210> 312  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 312  
Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu  
1 5 10

<210> 313  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 313  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 314  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 314  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe

1 5 10

<210> 315  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 315  
Asn Leu Leu Gly Arg Asn Ser Phe  
1 5

<210> 316  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 316  
Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 317  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 317  
Asn Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5 10

<210> 318  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 318  
Asn Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 319  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 319  
Pro Ile Leu Thr Ile Ile Thr Leu  
1 5

<210> 320  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 320  
Pro Leu Asp Gly Glu Tyr Phe Thr Leu  
1 5

<210> 321  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 321  
Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile  
1 5 10

<210> 322  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 322  
Pro Leu Pro Ser Gln Ala Met Asp Asp Leu  
1 5 10

<210> 323  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 323  
Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5 10

<210> 324  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Synthetic Peptide

<400> 324

Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu
1				5					10

<210> 325

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 325

Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu	Trp
1				5					10	

<210> 326

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 326

Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe
1				5			

<210> 327

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 327

Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu	Met
1				5					10

<210> 328

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 328

Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu	Met	Phe
1				5					10	

<210> 329

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 329  
Gln Leu Ala Lys Thr Cys Pro Val Gln Leu  
1 5 10

<210> 330  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 330  
Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp  
1 5 10

<210> 331  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 331  
Arg Phe Glu Met Phe Arg Glu Leu  
1 5

<210> 332  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 332  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 333  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 333  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu  
1 5 10

<210> 334  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 334  
Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5 10

<210> 335  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 335  
Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 336  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 336  
Ser Thr Ser Arg His Lys Lys Leu  
1 5

<210> 337  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 337  
Ser Thr Ser Arg His Lys Lys Leu Met  
1 5

<210> 338  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 338  
Ser Thr Ser Arg His Lys Lys Leu Met Phe

1 5 10

<210> 339  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 339  
Ser Val Glu Pro Pro Leu Ser Gln Glu Thr Phe  
1 5 10

<210> 340  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 340  
Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 341  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 341  
Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5 10

<210> 342  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 342  
Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5

<210> 343  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 343  
Ser Tyr Gly Phe Arg Leu Gly Phe Leu  
1 5

<210> 344  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 344  
Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 345  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 345  
Thr Phe Ser Asp Leu Trp Lys Leu  
1 5

<210> 346  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 346  
Thr Phe Ser Asp Leu Trp Lys Leu Leu  
1 5

<210> 347  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 347  
Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5

<210> 348  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 348

Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu
1				5					10

<210> 349

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 349

Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe
1				5					10

<210> 350

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 350

Thr	Thr	Ile	His	Tyr	Asn	Tyr	Met
1				5			

<210> 351

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 351

Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe
1				5			

<210> 352

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 352

Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg	Leu
1				5					10

<210> 353

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 353  
Thr Tyr Ser Pro Ala Leu Asn Lys Met  
1 5

<210> 354  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 354  
Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5 10

<210> 355  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 355  
Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5 10

<210> 356  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 356  
Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5

<210> 357  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 357  
Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5

<210> 358  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 358  
Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 359  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 359  
Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 360  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 360  
Ala Pro Ala Ala Pro Thr Pro Ala  
1 5

<210> 361  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 361  
Ala Pro Ala Ala Pro Thr Pro Ala Ala  
1 5

<210> 362  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 362  
Ala Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala



1 5 10

<210> 363  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 363  
Ala Pro Ala Pro Ala Ala Pro Thr Pro Ala  
1 5 10

<210> 364  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 364  
Ala Pro Ala Pro Ala Ala Pro Thr Pro Ala Ala  
1 5 10

<210> 365  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 365  
Ala Pro Ala Pro Ala Pro Ser Trp  
1 5

<210> 366  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 366  
Ala Pro Ala Pro Ala Pro Ser Trp Pro Leu  
1 5 10

<210> 367  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 367  
Ala Pro Ala Pro Ser Trp Pro Leu  
1 5

<210> 368  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 368  
Ala Pro Pro Gln His Leu Ile Arg Val  
1 5

<210> 369  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 369  
Ala Pro Pro Val Ala Pro Ala Pro Ala  
1 5

<210> 370  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 370  
Ala Pro Pro Val Ala Pro Ala Pro Ala Ala  
1 5 10

<210> 371  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 371  
Ala Pro Arg Met Pro Glu Ala Ala  
1 5

<210> 372  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 372

Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5 10

<210> 373

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 373

Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
1 5 10

<210> 374

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 374

Ala Pro Thr Pro Ala Ala Pro Ala  
1 5

<210> 375

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 375

Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala  
1 5 10

<210> 376

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 376

Asp Pro Gly Pro Asp Glu Ala Pro Arg Met  
1 5 10

<210> 377

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 377  
Asp Pro Ser Val Glu Pro Pro Leu  
1 5

<210> 378  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 378  
Glu Pro Pro Leu Ser Gln Glu Thr Phe  
1 5

<210> 379  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 379  
Glu Pro Gln Ser Asp Pro Ser Val  
1 5

<210> 380  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 380  
Gly Pro Asp Glu Ala Pro Arg Met  
1 5

<210> 381  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 381  
Gly Pro Asp Glu Ala Pro Arg Met Pro Glu Ala  
1 5 10

<210> 382  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 382  
Lys Pro Leu Asp Gly Glu Tyr Phe  
1 5

<210> 383  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 383  
Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu  
1 5 10

<210> 384  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 384  
Leu Pro Glu Asn Asn Val Leu Ser Pro Leu  
1 5 10

<210> 385  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 385  
Leu Pro Pro Gly Ser Thr Lys Arg Ala  
1 5

<210> 386  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 386  
Leu Pro Pro Gly Ser Thr Lys Arg Ala Leu

1 5 10

<210> 387  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 387  
Leu Pro Ser Gln Ala Met Asp Asp Leu  
1 5

<210> 388  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 388  
Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5 10

<210> 389  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 389  
Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu  
1 5 10

<210> 390  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 390  
Met Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 391  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 391  
Met Pro Glu Ala Ala Pro Pro Val Ala  
1 5

<210> 392  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 392  
Met Pro Glu Ala Ala Pro Pro Val Ala Pro Ala  
1 5 10

<210> 393  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 393  
Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile  
1 5 10

<210> 394  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 394  
Pro Pro Gly Ser Thr Lys Arg Ala  
1 5

<210> 395  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 395  
Pro Pro Gly Ser Thr Lys Arg Ala Leu  
1 5

<210> 396  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 396

Pro Pro Gly Thr Arg Val Arg Ala  
1 5

<210> 397

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 397

Pro Pro Gly Thr Arg Val Arg Ala Met  
1 5

<210> 398

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 398

Pro Pro Gly Thr Arg Val Arg Ala Met Ala  
1 5 10

<210> 399

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 399

Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile  
1 5 10

<210> 400

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 400

Pro Pro Leu Ser Gln Glu Thr Phe  
1 5

<210> 401

<211> 11



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 401  
Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu  
1 5 10

<210> 402  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 402  
Pro Pro Pro Gly Thr Arg Val Arg Ala  
1 5

<210> 403  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 403  
Pro Pro Pro Gly Thr Arg Val Arg Ala Met  
1 5 10

<210> 404  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 404  
Pro Pro Pro Gly Thr Arg Val Arg Ala Met Ala  
1 5 10

<210> 405  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 405  
Pro Pro Gln His Leu Ile Arg Val  
1 5

<210> 406  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 406  
Pro Pro Val Ala Pro Ala Pro Ala  
1 5

<210> 407  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 407  
Pro Pro Val Ala Pro Ala Pro Ala Ala  
1 5

<210> 408  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 408  
Gln Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr  
1 5 10

<210> 409  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 409  
Arg Pro Ile Leu Thr Ile Ile Thr Leu  
1 5

<210> 410  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 410  
Ser Pro Ala Leu Asn Lys Met Phe

1

5

<210> 411  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 411  
Ser Pro Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5 10

<210> 412  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 412  
Ser Pro Asp Asp Ile Glu Gln Trp  
1 5

<210> 413  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 413  
Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5

<210> 414  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 414  
Ser Pro Leu Pro Ser Gln Ala Met  
1 5

<210> 415  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 415  
Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu  
1 5 10

<210> 416  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 416  
Ser Pro Gln Pro Lys Lys Lys Pro Leu  
1 5

<210> 417  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 417  
Thr Pro Ala Ala Pro Ala Pro Ala  
1 5

<210> 418  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 418  
Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser Trp  
1 5 10

<210> 419  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 419  
Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 420  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 420  
Thr Pro Pro Pro Gly Thr Arg Val Arg Ala  
1 5 10

<210> 421  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 421  
Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met  
1 5 10

<210> 422  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 422  
Val Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 423  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 423  
Val Pro Tyr Glu Pro Pro Glu Val  
1 5

<210> 424  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 424  
Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 425  
<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 425  
Ala Lys Thr Cys Pro Val Gln Leu  
1 5

<210> 426  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 426  
Ala Lys Thr Cys Pro Val Gln Leu Trp  
1 5

<210> 427  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 427  
Asp Arg Arg Thr Glu Glu Glu Asn Leu  
1 5

<210> 428  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 428  
Glu Arg Cys Ser Asp Ser Asp Gly Leu  
1 5

<210> 429  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 429  
Glu Arg Phe Glu Met Phe Arg Glu Leu  
1 5

<210> 430  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 430  
Phe Arg Glu Leu Asn Glu Ala Leu  
1 5

<210> 431  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 431  
Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu  
1 5 10

<210> 432  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 432  
Phe Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 433  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 433  
Gly Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu  
1 5 10

<210> 434  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 434  
Gly Arg Glu Arg Phe Glu Met Phe

1 5

<210> 435  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 435  
Gly Arg Glu Arg Phe Glu Met Phe Arg Glu Leu  
1 5 10

<210> 436  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 436  
His His Glu Arg Cys Ser Asp Ser Asp Gly Leu  
1 5 10

<210> 437  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 437  
Ile Arg Gly Arg Glu Arg Phe Glu Met  
1 5

<210> 438  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 438  
Ile Arg Gly Arg Glu Arg Phe Glu Met Phe  
1 5 10

<210> 439  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 439  
Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 440  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 440  
Lys Lys Gly Glu Pro His His Glu Leu  
1 5

<210> 441  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 441  
Lys Lys Lys Pro Leu Asp Gly Glu Tyr  
1 5

<210> 442  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 442  
Lys Lys Lys Pro Leu Asp Gly Glu Tyr Phe  
1 5 10

<210> 443  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 443  
Lys Lys Pro Leu Asp Gly Glu Tyr  
1 5

<210> 444  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 444  
Lys Lys Pro Leu Asp Gly Glu Tyr Phe  
1 5

<210> 445  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 445  
Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu  
1 5 10

<210> 446  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 446  
Leu Arg Lys Lys Gly Glu Pro His His Glu Leu  
1 5 10

<210> 447  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 447  
Asn Arg Arg Pro Ile Leu Thr Ile  
1 5

<210> 448  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 448  
Asn Arg Arg Pro Ile Leu Thr Ile Ile  
1 5

<210> 449  
<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 449  
Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu  
1 5 10

<210> 450  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 450  
Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr  
1 5 10

<210> 451  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 451  
Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr Phe  
1 5 10

<210> 452  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 452  
Gln His Leu Ile Arg Val Glu Gly Asn Leu  
1 5 10

<210> 453  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 453  
Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5

<210> 454  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 454  
Gln Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5 10

<210> 455  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 455  
Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 456  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 456  
Arg Lys Lys Gly Glu Pro His His Glu Leu  
1 5 10

<210> 457  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 457  
Arg Arg Pro Ile Leu Thr Ile Ile  
1 5

<210> 458  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 458  
Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu

1

5

10

<210> 459  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 459  
Arg Arg Thr Glu Glu Glu Asn Leu  
1 5

<210> 460  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 460  
Ser Arg Ala His Ser Ser His Leu  
1 5

<210> 461  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 461  
Ser Arg His Lys Lys Leu Met Phe  
1 5

<210> 462  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 462  
Thr Arg Val Arg Ala Met Ala Ile  
1 5

<210> 463  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 463

Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 464

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 464

Trp Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5 10

<210> 465

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 465

Ala Ala Pro Ala Pro Ala Pro Ser Trp  
1 5

<210> 466

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 466

Ala Ala Pro Ala Pro Ala Pro Ser Trp Pro Leu  
1 5 10

<210> 467

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 467

Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 468

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 468  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 469  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 469  
Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met  
1 5 10

<210> 470  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 470  
Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5 10

<210> 471  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 471  
Asp Ser Asp Gly Leu Ala Pro Pro Gln His Leu  
1 5 10

<210> 472  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 472  
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5 10

<210> 473  
<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 473  
Glu Thr Phe Ser Asp Leu Trp Lys Leu  
1 5

<210> 474  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 474  
Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu  
1 5 10

<210> 475  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 475  
Phe Ser Asp Leu Trp Lys Leu Leu  
1 5

<210> 476  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 476  
Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5 10

<210> 477  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 477  
Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5



<210> 478  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 478  
Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 479  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 479  
Gly Ser Arg Ala His Ser Ser His Leu  
1 5

<210> 480  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 480  
Gly Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5

<210> 481  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 481  
Gly Ser Tyr Gly Phe Arg Leu Gly Phe Leu  
1 5 10

<210> 482  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 482  
Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr

1 5 10

<210> 483  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 483  
Gly Thr Arg Val Arg Ala Met Ala Ile  
1 5

<210> 484  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 484  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 485  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 485  
His Ser Gly Thr Ala Lys Ser Val  
1 5

<210> 486  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 486  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5 10

<210> 487  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 487  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 488  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 488  
Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5 10

<210> 489  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 489  
Lys Thr Cys Pro Val Gln Leu Trp  
1 5

<210> 490  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 490  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 491  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 491  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 492  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 492

Lys	Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg	Leu
1				5					10	

<210> 493

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 493

Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu
1				5				

<210> 494

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 494

Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu	Trp
1				5				10	

<210> 495

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 495

Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu	Trp	Val
1				5				10		

<210> 496

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 496

Leu	Ala	Pro	Pro	Gln	His	Leu	Ile
1				5			

<210> 497

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 497  
Leu Ala Pro Pro Gln His Leu Ile Arg Val  
1 5 10

<210> 498  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 498  
Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5

<210> 499  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 499  
Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5 10

<210> 500  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 500  
Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5

<210> 501  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 501  
Leu Ser Gln Glu Thr Phe Ser Asp Leu  
1 5

<210> 502  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 502  
Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5 10

<210> 503  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 503  
Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 504  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 504  
Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 505  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 505  
Asn Ser Ser Cys Met Gly Gly Met  
1 5

<210> 506  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 506  
Asn Thr Phe Arg His Ser Val Val

1

5

<210> 507  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 507  
Asn Thr Phe Arg His Ser Val Val Val  
1 5

<210> 508  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 508  
Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 509  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 509  
Pro Ala Ala Pro Ala Pro Ala Pro Ser Trp  
1 5 10

<210> 510  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 510  
Pro Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5 10

<210> 511  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 511  
Pro Ala Pro Ala Pro Ser Trp Pro Leu  
1 5

<210> 512  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 512  
Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
1 5 10

<210> 513  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 513  
Pro Ser Gln Ala Met Asp Asp Leu  
1 5

<210> 514  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 514  
Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5

<210> 515  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 515  
Pro Ser Gln Ala Met Asp Asp Leu Met Leu  
1 5 10

<210> 516  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>

<223> Synthetic Peptide

<400> 516

Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 517

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 517

Pro Ser Trp Pro Leu Ser Ser Ser Val  
1 5

<210> 518

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 518

Gln Ala Met Asp Asp Leu Met Leu  
1 5

<210> 519

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 519

Gln Ser Asp Pro Ser Val Glu Pro Pro Leu  
1 5 10

<210> 520

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 520

Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 521

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 521  
Gln Ser Gln His Met Thr Glu Val Val  
1 5

<210> 522  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 522  
Gln Ser Thr Ser Arg His Lys Lys Leu  
1 5

<210> 523  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 523  
Gln Ser Thr Ser Arg His Lys Lys Leu Met  
1 5 10

<210> 524  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 524  
Gln Ser Thr Ser Arg His Lys Lys Leu Met Phe  
1 5 10

<210> 525  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 525  
Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe  
1 5 10

<210> 526  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 526  
Ser Ser Pro Gln Pro Lys Lys Lys Pro Leu  
1 5 10

<210> 527  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 527  
Ser Ser Ser Pro Gln Pro Lys Lys Lys Pro Leu  
1 5 10

<210> 528  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 528  
Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 529  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 529  
Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 530  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 530  
Ser Thr Pro Pro Pro Gly Thr Arg Val

1

5

<210> 531  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 531  
Ser Thr Ser Arg His Lys Lys Leu  
1 5

<210> 532  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 532  
Ser Thr Ser Arg His Lys Lys Leu Met  
1 5

<210> 533  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 533  
Ser Thr Ser Arg His Lys Lys Leu Met Phe  
1 5 10

<210> 534  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 534  
Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 535  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 535  
Thr Ser Arg His Lys Lys Leu Met  
1 5

<210> 536  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 536  
Thr Ser Arg His Lys Lys Leu Met Phe  
1 5

<210> 537  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 537  
Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 538  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 538  
Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5

<210> 539  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 539  
Tyr Ser Pro Ala Leu Asn Lys Met  
1 5

<210> 540  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 540

Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5

<210> 541

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 541

Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5

<210> 542

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 542

Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 543

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 543

Ala Pro Ala Pro Ala Pro Ser Trp  
1 5

<210> 544

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 544

Ala Pro Pro Gln His Leu Ile Arg Val  
1 5

<210> 545

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 545  
Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5 10

<210> 546  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 546  
Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
1 5 10

<210> 547  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 547  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile  
1 5 10

<210> 548  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 548  
Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 549  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 549  
Asp Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 550  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 550  
Asp Leu Trp Lys Leu Leu Pro Glu Asn Asn Val  
1 5 10

<210> 551  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 551  
Asp Pro Gly Pro Asp Glu Ala Pro Arg Met  
1 5 10

<210> 552  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 552  
Glu Pro Pro Leu Ser Gln Glu Thr Phe  
1 5

<210> 553  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 553  
Glu Pro Gln Ser Asp Pro Ser Val  
1 5

<210> 554  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 554  
Glu Val Gly Ser Asp Cys Thr Thr Ile



1

5

<210> 555  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 555  
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 556  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 556  
Phe Leu His Ser Gly Thr Ala Lys Ser Val  
1 5 10

<210> 557  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 557  
Gly Leu Ala Pro Pro Gln His Leu Ile  
1 5

<210> 558  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 558  
Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val  
1 5 10

<210> 559  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 559

Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu	Thr	Ile
1				5					10

<210> 560

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 560

Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu	Thr	Ile	Ile
1				5					10	

<210> 561

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 561

Gly	Pro	Asp	Glu	Ala	Pro	Arg	Met
1				5			

<210> 562

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 562

Gly	Gln	Ser	Thr	Ser	Arg	His	Lys	Lys	Leu	Met
1				5					10	

<210> 563

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 563

His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val
1				5					10	

<210> 564

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 564

Lys Leu Leu Pro Glu Asn Asn Val  
1 5

<210> 565

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 565

Lys Pro Leu Asp Gly Glu Tyr Phe  
1 5

<210> 566

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 566

Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 567

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 567

Lys Gln Ser Gln His Met Thr Glu Val Val  
1 5 10

<210> 568

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 568

Leu Ile Arg Val Glu Gly Asn Leu Arg Val  
1 5 10

<210> 569

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 569  
Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5

<210> 570  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 570  
Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val  
1 5 10

<210> 571  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 571  
Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 572  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 572  
Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 573  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 573  
Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5 10

<210> 574  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 574  
Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5

<210> 575  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 575  
Leu Gln Ile Arg Gly Arg Glu Arg Phe Glu Met  
1 5 10

<210> 576  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 576  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 577  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 577  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5 10

<210> 578  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 578  
Met Pro Glu Ala Ala Pro Pro Val

1

5

<210> 579  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 579  
Asn Leu Leu Gly Arg Asn Ser Phe  
1 5

<210> 580  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 580  
Asn Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5 10

<210> 581  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 581  
Asn Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5 10

<210> 582  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 582  
Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile  
1 5 10

<210> 583  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 583  
Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5 10

<210> 584  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 584  
Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5 10

<210> 585  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 585  
Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile  
1 5 10

<210> 586  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 586  
Pro Pro Gly Thr Arg Val Arg Ala Met  
1 5

<210> 587  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 587  
Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile  
1 5 10

<210> 588  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 588

Pro Pro Leu Ser Gln Glu Thr Phe  
1 5

<210> 589

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 589

Pro Pro Pro Gly Thr Arg Val Arg Ala Met  
1 5 10

<210> 590

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 590

Pro Pro Gln His Leu Ile Arg Val  
1 5

<210> 591

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 591

Gln Ile Arg Gly Arg Glu Arg Phe  
1 5

<210> 592

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 592

Gln Ile Arg Gly Arg Glu Arg Phe Glu Met  
1 5 10

<210> 593

<211> 11



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 593  
Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe  
1 5 10

<210> 594  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 594  
Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 595  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 595  
Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp  
1 5 10

<210> 596  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 596  
Gln Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr  
1 5 10

<210> 597  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 597  
Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 598  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 598  
Arg Val Glu Gly Asn Leu Arg Val  
1 5

<210> 599  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 599  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 600  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 600  
Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5 10

<210> 601  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 601  
Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 602  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 602  
Ser Pro Ala Leu Asn Lys Met Phe

1

5

<210> 603  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 603  
Ser Pro Asp Asp Ile Glu Gln Trp  
1 5

<210> 604  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 604  
Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5

<210> 605  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 605  
Ser Pro Leu Pro Ser Gln Ala Met  
1 5

<210> 606  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 606  
Ser Gln Ala Met Asp Asp Leu Met  
1 5

<210> 607  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 607  
Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5

<210> 608  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 608  
Ser Gln His Met Thr Glu Val Val  
1 5

<210> 609  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 609  
Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5

<210> 610  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 610  
Ser Gln Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5 10

<210> 611  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 611  
Ser Val Glu Pro Pro Leu Ser Gln Glu Thr Phe  
1 5 10

<210> 612  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 612

Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 613

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 613

Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 614

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 614

Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5 10

<210> 615

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 615

Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser Trp  
1 5 10

<210> 616

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 616

Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 617

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 617  
Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met  
1 5 10

<210> 618  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 618  
Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5 10

<210> 619  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 619  
Val Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 620  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 620  
Val Pro Tyr Glu Pro Pro Glu Val  
1 5

<210> 621  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 621  
Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5

<210> 622  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 622  
Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 623  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 623  
Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5

<210> 624  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 624  
Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 625  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 625  
Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 626  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 626  
Tyr Gln Gly Ser Tyr Gly Phe Arg Leu Gly Phe

1 5 10

<210> 627  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 627  
Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 628  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 628  
Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 629  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 629  
Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 630  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 630  
Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 631  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 631  
Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 632  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 632  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 633  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 633  
Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 634  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 634  
Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 635  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 635  
Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 636  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 636

Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 637

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 637

Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 638

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 638

Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 639

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 639

Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 640

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 640

Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 641

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 641  
Val Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 642  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 642  
Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 643  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 643  
Ala Ala Pro Pro Val Ala Pro Ala Pro Ala  
1 5 10

<210> 644  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 644  
Ala Ala Pro Pro Val Ala Pro Ala Pro Ala Ala  
1 5 10

<210> 645  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 645  
Ala Ala Pro Thr Pro Ala Ala Pro Ala  
1 5

<210> 646  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 646  
Ala Ala Pro Thr Pro Ala Ala Pro Ala Pro Ala  
1 5 10

<210> 647  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 647  
Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 648  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 648  
Ala Gly Lys Glu Pro Gly Gly Ser Arg  
1 5

<210> 649  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 649  
Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala  
1 5 10

<210> 650  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 650  
Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His

1 5 10

<210> 651  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 651  
Ala Ile Tyr Lys Gln Ser Gln His  
1 5

<210> 652  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 652  
Ala Leu Glu Leu Lys Asp Ala Gln Ala  
1 5

<210> 653  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 653  
Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5 10

<210> 654  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 654  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 655  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 655  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys  
1 5 10

<210> 656  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 656  
Ala Met Ala Ile Tyr Lys Gln Ser Gln His  
1 5 10

<210> 657  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 657  
Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 658  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 658  
Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 659  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 659  
Cys Met Gly Gly Met Asn Arg Arg  
1 5

<210> 660  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 660

Cys Ser Asp Ser Asp Gly Leu Ala  
1 5

<210> 661

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 661

Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 662

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 662

Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5

<210> 663

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 663

Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5 10

<210> 664

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 664

Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 665

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 665  
Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 666  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 666  
Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 667  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 667  
Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 668  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 668  
Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 669  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 669  
Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5 10



<210> 670  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 670  
Asp Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 671  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 671  
Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 672  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 672  
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 673  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 673  
Glu Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 674  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 674  
Glu Ala Ala Pro Pro Val Ala Pro Ala Pro Ala

1 5 10

<210> 675  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 675  
Glu Ala Leu Glu Leu Lys Asp Ala  
1 5

<210> 676  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 676  
Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala  
1 5 10

<210> 677  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 677  
Glu Ala Pro Arg Met Pro Glu Ala  
1 5

<210> 678  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 678  
Glu Ala Pro Arg Met Pro Glu Ala Ala  
1 5

<210> 679  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 679

Glu Asp Pro Gly Pro Asp Glu Ala  
1 5

<210> 680

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 680

Glu Asp Pro Gly Pro Asp Glu Ala Pro Arg  
1 5 10

<210> 681

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 681

Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg  
1 5 10

<210> 682

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 682

Glu Gly Asn Leu Arg Val Glu Tyr  
1 5

<210> 683

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 683

Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5

<210> 684

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 684

Glu Leu Asn Glu Ala Leu Glu Leu Lys  
1 5

<210> 685

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 685

Glu Leu Asn Glu Ala Leu Glu Leu Lys Asp Ala  
1 5 10

<210> 686

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 686

Glu Leu Pro Pro Gly Ser Thr Lys  
1 5

<210> 687

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 687

Glu Leu Pro Pro Gly Ser Thr Lys Arg  
1 5

<210> 688

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 688

Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala  
1 5 10

<210> 689

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 689  
Glu Met Phe Arg Glu Leu Asn Glu Ala  
1 5

<210> 690  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 690  
Glu Thr Phe Ser Asp Leu Trp Lys  
1 5

<210> 691  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 691  
Glu Val Gly Ser Asp Cys Thr Thr Ile His  
1 5 10

<210> 692  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 692  
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 693  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 693  
Glu Val Arg Val Cys Ala Cys Pro Gly Arg  
1 5 10

<210> 694  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 694  
Glu Val Val Arg Arg Cys Pro His  
1 5

<210> 695  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 695  
Glu Val Val Arg Arg Cys Pro His His  
1 5

<210> 696  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 696  
Glu Val Val Arg Arg Cys Pro His His Glu Arg  
1 5 10

<210> 697  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 697  
Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 698  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 698  
Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala

1 5 10

<210> 699  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 699  
Phe Thr Leu Gln Ile Arg Gly Arg  
1 5

<210> 700  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 700  
Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5 10

<210> 701  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 701  
Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5 10

<210> 702  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 702  
Gly Phe Leu His Ser Gly Thr Ala  
1 5

<210> 703  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 703

Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 704

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 704

Gly Phe Arg Leu Gly Phe Leu His  
1 5

<210> 705

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 705

Gly Gly Ser Arg Ala His Ser Ser His  
1 5

<210> 706

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 706

Gly Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 707

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 707

Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 708

<211> 8

<212> PRT

<213> Artificial Sequence



<220>

<223> Synthetic Peptide

<400> 708

Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 709

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 709

Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 710

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 710

Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 711

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 711

Gly Ser Arg Ala His Ser Ser His  
1 5

<210> 712

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 712

Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 713

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 713  
Gly Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5

<210> 714  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide .

<400> 714  
Gly Ser Tyr Gly Phe Arg Leu Gly Phe Leu His  
1 5 10

<210> 715  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 715  
Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 716  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 716  
Gly Thr Arg Val Arg Ala Met Ala  
1 5

<210> 717  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 717  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 718  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 718  
Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5 10

<210> 719  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 719  
His Leu Ile Arg Val Glu Gly Asn Leu Arg  
1 5 10

<210> 720  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 720  
His Met Thr Glu Val Val Arg Arg  
1 5

<210> 721  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 721  
His Met Thr Glu Val Val Arg Arg Cys Pro His  
1 5 10

<210> 722  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 722  
His Ser Ser His Leu Lys Ser Lys

1

5

<210> 723  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 723  
His Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 724  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 724  
Lys Gly Gln Ser Thr Ser Arg His  
1 5

<210> 725  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 725  
Lys Gly Gln Ser Thr Ser Arg His Lys  
1 5

<210> 726  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 726  
Lys Gly Gln Ser Thr Ser Arg His Lys Lys  
1 5 10

<210> 727  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 727  
Lys Met Phe Cys Gln Leu Ala Lys  
1 5

<210> 728  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 728  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg  
1 5 10

<210> 729  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 729  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His  
1 5 10

<210> 730  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 730  
Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala  
1 5 10

<210> 731  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 731  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 732  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 732

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg  
1 5 10

<210> 733

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 733

Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5

<210> 734

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 734

Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 735

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 735

Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 736

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 736

Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 737

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 737  
Leu Gly Phe Leu His Ser Gly Thr Ala  
1 5

<210> 738  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 738  
Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10

<210> 739  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 739  
Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5

<210> 740  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 740  
Leu Ile Arg Val Glu Gly Asn Leu Arg  
1 5

<210> 741  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 741  
Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 742  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 742  
Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5 10

<210> 743  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 743  
Leu Ser Pro Leu Pro Ser Gln Ala  
1 5

<210> 744  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 744  
Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys  
1 5 10

<210> 745  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 745  
Leu Ser Ser Ser Val Pro Ser Gln Lys  
1 5

<210> 746  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 746  
Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr



1 5 10

<210> 747  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 747  
Met Ala Ile Tyr Lys Gln Ser Gln His  
1 5

<210> 748  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 748  
Met Phe Arg Glu Leu Asn Glu Ala  
1 5

<210> 749  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 749  
Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5 10

<210> 750  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 750  
Met Thr Glu Val Val Arg Arg Cys Pro His  
1 5 10

<210> 751  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 751  
Met Thr Glu Val Val Arg Arg Cys Pro His His  
1 5 10

<210> 752  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 752  
Asn Leu Leu Gly Arg Asn Ser Phe  
1 5

<210> 753  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 753  
Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 754  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 754  
Asn Leu Arg Lys Lys Gly Glu Pro His  
1 5

<210> 755  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 755  
Asn Leu Arg Lys Lys Gly Glu Pro His His  
1 5 10

<210> 756  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 756

Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg  
1 5 10

<210> 757

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 757

Asn Ser Phe Glu Val Arg Val Cys Ala  
1 5

<210> 758

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 758

Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5 10

<210> 759

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 759

Asn Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 760

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 760

Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 761

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 761  
Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5

<210> 762  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 762  
Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5 10

<210> 763  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 763  
Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5 10

<210> 764  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 764  
Asn Val Leu Ser Pro Leu Pro Ser Gln Ala  
1 5 10

<210> 765  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 765  
Pro Ala Ala Pro Thr Pro Ala Ala  
1 5

<210> 766  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 766  
Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala  
1 5 10

<210> 767  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 767  
Pro Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 768  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 768  
Pro Ala Pro Ala Ala Pro Thr Pro Ala  
1 5

<210> 769  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 769  
Pro Ala Pro Ala Ala Pro Thr Pro Ala Ala  
1 5 10

<210> 770  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 770  
Pro Asp Asp Ile Glu Gln Trp Phe

1

5

<210> 771  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 771  
Pro Asp Glu Ala Pro Arg Met Pro Glu Ala  
1 5 10

<210> 772  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 772  
Pro Asp Glu Ala Pro Arg Met Pro Glu Ala Ala  
1 5 10

<210> 773  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 773  
Pro Gly Gly Ser Arg Ala His Ser Ser His  
1 5 10

<210> 774  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 774  
Pro Gly Pro Asp Glu Ala Pro Arg  
1 5

<210> 775  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 775  
Pro Gly Thr Arg Val Arg Ala Met Ala  
1 5

<210> 776  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 776  
Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 777  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 777  
Pro Leu Ser Ser Ser Val Pro Ser Gln Lys  
1 5 10

<210> 778  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 778  
Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 779  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 779  
Pro Thr Pro Ala Ala Pro Ala Pro Ala  
1 5

<210> 780  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 780

Pro Val Ala Pro Ala Pro Ala Ala  
1 5

<210> 781

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 781

Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg  
1 5 10

<210> 782

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 782

Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala  
1 5 10

<210> 783

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 783

Gln Gly Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5 10

<210> 784

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 784

Gln Ile Arg Gly Arg Glu Arg Phe  
1 5

<210> 785

<211> 11



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 785  
Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe  
1 5 10

<210> 786  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 786  
Gln Ser Gln His Met Thr Glu Val Val Arg  
1 5 10

<210> 787  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 787  
Gln Ser Gln His Met Thr Glu Val Val Arg Arg  
1 5 10

<210> 788  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 788  
Gln Ser Thr Ser Arg His Lys Lys  
1 5

<210> 789  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 789  
Gln Ser Thr Ser Arg His Lys Lys Leu Met Phe  
1 5 10

<210> 790  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 790  
Arg Ala His Ser Ser His Leu Lys  
1 5

<210> 791  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 791  
Arg Ala His Ser Ser His Leu Lys Ser Lys  
1 5 10

<210> 792  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 792  
Arg Ala His Ser Ser His Leu Lys Ser Lys Lys  
1 5 10

<210> 793  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 793  
Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His  
1 5 10

<210> 794  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 794  
Arg Cys Ser Asp Ser Asp Gly Leu Ala

1

5

<210> 795  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 795  
Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg  
1 5 10

<210> 796  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 796  
Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala  
1 5 10

<210> 797  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 797  
Arg Gly Arg Glu Arg Phe Glu Met Phe  
1 5

<210> 798  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 798  
Arg Gly Arg Glu Arg Phe Glu Met Phe Arg  
1 5 10

<210> 799  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 799

Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala
1				5					10

<210> 800

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 800

Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys
1				5					10	

<210> 801

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 801

Arg	Met	Pro	Glu	Ala	Ala	Pro	Pro	Val	Ala
1				5					10

<210> 802

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 802

Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg
1				5			

<210> 803

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 803

Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg	Lys
1				5				

<210> 804

<211> 10

<212> PRT

<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 804  
Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys  
1 5 10

<210> 805  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 805  
Arg Val Cys Ala Cys Pro Gly Arg  
1 5

<210> 806  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 806  
Arg Val Cys Ala Cys Pro Gly Arg Asp Arg  
1 5 10

<210> 807  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 807  
Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5 10

<210> 808  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 808  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 809  
<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 809  
Arg Val Glu Tyr Leu Asp Asp Arg  
1 5

<210> 810  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 810  
Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5 10

<210> 811  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 811  
Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 812  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 812  
Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5

<210> 813  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 813  
Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 814  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 814  
Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5

<210> 815  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 815  
Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 816  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 816  
Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 817  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 817  
Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 818  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 818  
Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His

1 5 10

<210> 819  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 819  
Ser Phe Glu Val Arg Val Cys Ala  
1 5

<210> 820  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 820  
Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe  
1 5 10

<210> 821  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 821  
Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 822  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 822  
Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 823  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 823  
Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 824  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 824  
Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 825  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 825  
Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe  
1 5 10

<210> 826  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 826  
Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 827  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 827  
Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 828  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 828  
Ser Ser Ser Pro Gln Pro Lys Lys  
1 5

<210> 829  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 829  
Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 830  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 830  
Ser Ser Ser Val Pro Ser Gln Lys  
1 5

<210> 831  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 831  
Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 832  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 832  
Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 833  
<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 833  
Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 834  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 834  
Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 835  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 835  
Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala  
1 5 10

<210> 836  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 836  
Ser Thr Ser Arg His Lys Lys Leu Met Phe  
1 5 10

<210> 837  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 837  
Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 838  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 838  
Ser Val Glu Pro Pro Leu Ser Gln Glu Thr Phe  
1 5 10

<210> 839  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 839  
Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 840  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 840  
Ser Val Thr Cys Thr Tyr Ser Pro Ala  
1 5

<210> 841  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 841  
Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 842  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 842  
Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys

1 5 10

<210> 843  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 843  
Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 844  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 844  
Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5

<210> 845  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 845  
Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
1 5 10

<210> 846  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 846  
Thr Ser Arg His Lys Lys Leu Met Phe  
1 5

<210> 847  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 847

Thr	Ser	Arg	His	Lys	Lys	Leu	Met	Phe	Lys
1				5					10

<210> 848

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 848

Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys
1				5			

<210> 849

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 849

Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys
1				5				

<210> 850

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 850

Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys	Lys
1				5					10

<210> 851

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 851

Val	Ala	Pro	Ala	Pro	Ala	Ala	Pro	Thr	Pro	Ala
1				5						10

<210> 852

<211> 9

<212> PRT

<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 852  
Val Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 853  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 853  
Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5 10

<210> 854  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 854  
Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5 10

<210> 855  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 855  
Val Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 856  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 856  
Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 857  
<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 857  
Val Leu Ser Pro Leu Pro Ser Gln Ala  
1 5

<210> 858  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 858  
Val Thr Cys Thr Tyr Ser Pro Ala  
1 5

<210> 859  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 859  
Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 860  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 860  
Val Val Arg Arg Cys Pro His His  
1 5

<210> 861  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 861  
Val Val Arg Arg Cys Pro His His Glu Arg  
1 5 10



<210> 862  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 862  
Trp Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala  
1 5 10

<210> 863  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 863  
Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5 10

<210> 864  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 864  
Tyr Phe Thr Leu Gln Ile Arg Gly Arg  
1 5

<210> 865  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 865  
Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5 10

<210> 866  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 866  
Tyr Gly Phe Arg Leu Gly Phe Leu His

1 5

<210> 867  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 867  
Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5

<210> 868  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 868  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 869  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 869  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5 10

<210> 870  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 870  
Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5

<210> 871  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 871  
Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 872  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 872  
Ala Gly Lys Glu Pro Gly Gly Ser Arg  
1 5

<210> 873  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 873  
Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His  
1 5 10

<210> 874  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 874  
Ala Ile Tyr Lys Gln Ser Gln His  
1 5

<210> 875  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 875  
Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5 10

<210> 876  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 876  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys  
1 5 10

<210> 877  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 877  
Ala Met Ala Ile Tyr Lys Gln Ser Gln His  
1 5 10

<210> 878  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 878  
Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 879  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 879  
Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 880  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 880  
Cys Met Gly Gly Met Asn Arg Arg  
1 5

<210> 881  
<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 881  
Cys Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5 10

<210> 882  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 882  
Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 883  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 883  
Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5

<210> 884  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 884  
Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 885  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 885  
Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 886  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 886  
Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 887  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 887  
Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 888  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 888  
Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 889  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 889  
Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5 10

<210> 890  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 890  
Asp Ser Ser Gly Asn Leu Leu Gly Arg

1

5

<210> 891  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 891  
Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 892  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 892  
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 893  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 893  
Glu Asp Pro Gly Pro Asp Glu Ala Pro Arg  
1 5 10

<210> 894  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 894  
Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg  
1 5 10

<210> 895  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 895  
Glu Gly Asn Leu Arg Val Glu Tyr  
1 5

<210> 896  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 896  
Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5

<210> 897  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 897  
Glu Leu Asn Glu Ala Leu Glu Leu Lys  
1 5

<210> 898  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 898  
Glu Leu Pro Pro Gly Ser Thr Lys  
1 5

<210> 899  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 899  
Glu Leu Pro Pro Gly Ser Thr Lys Arg  
1 5

<210> 900  
<211> 10  
<212> PRT  
<213> Artificial Sequence



<220>  
<223> Synthetic Peptide

<400> 900  
Glu Asn Leu Arg Lys Lys Gly Glu Pro His  
1 5 10

<210> 901  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 901  
Glu Asn Leu Arg Lys Lys Gly Glu Pro His His  
1 5 10

<210> 902  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 902  
Glu Thr Phe Ser Asp Leu Trp Lys  
1 5

<210> 903  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 903  
Glu Val Gly Ser Asp Cys Thr Thr Ile His  
1 5 10

<210> 904  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 904  
Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 905  
<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 905  
Glu Val Arg Val Cys Ala Cys Pro Gly Arg  
1 5 10

<210> 906  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 906  
Glu Val Val Arg Arg Cys Pro His  
1 5

<210> 907  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 907  
Glu Val Val Arg Arg Cys Pro His His  
1 5

<210> 908  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 908  
Glu Val Val Arg Arg Cys Pro His His Glu Arg  
1 5 10

<210> 909  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 909  
Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 910  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 910  
Phe Thr Leu Gln Ile Arg Gly Arg  
1 5

<210> 911  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 911  
Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5 10

<210> 912  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 912  
Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 913  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 913  
Gly Phe Arg Leu Gly Phe Leu His  
1 5

<210> 914  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 914  
Gly Gly Ser Arg Ala His Ser Ser His

1 5

<210> 915  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 915  
Gly Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 916  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 916  
Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 917  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 917  
Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg  
1 5 10

<210> 918  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 918  
Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 919  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 919

Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 920

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 920

Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 921

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 921

Gly Ser Arg Ala His Ser Ser His  
1 5

<210> 922

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 922

Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 923

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 923

Gly Ser Tyr Gly Phe Arg Leu Gly Phe Leu His  
1 5 10

<210> 924

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 924

Gly	Thr	Ala	Lys	Ser	Val	Thr	Cys	Thr	Tyr
1				5					10

<210> 925

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 925

Gly	Thr	Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr
1				5					10

<210> 926

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 926

Gly	Thr	Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr	Lys
1				5					10	

<210> 927

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 927

His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg
1				5					10

<210> 928

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 928

His	Met	Thr	Glu	Val	Val	Arg	Arg
1				5			

<210> 929

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 929  
His Met Thr Glu Val Val Arg Arg Cys Pro His  
1 5 10

<210> 930  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 930  
His Ser Ser His Leu Lys Ser Lys  
1 5

<210> 931  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 931  
His Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 932  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 932  
Lys Gly Gln Ser Thr Ser Arg His  
1 5

<210> 933  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 933  
Lys Gly Gln Ser Thr Ser Arg His Lys  
1 5

<210> 934  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 934  
Lys Gly Gln Ser Thr Ser Arg His Lys Lys  
1 5 10

<210> 935  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 935  
Lys Met Phe Cys Gln Leu Ala Lys  
1 5

<210> 936  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 936  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg  
1 5 10

<210> 937  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 937  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His  
1 5 10

<210> 938  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 938  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg



1 5 10

<210> 939  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 939  
Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5

<210> 940  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 940  
Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 941  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 941  
Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 942  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 942  
Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 943  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 943  
Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10

<210> 944  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 944  
Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5

<210> 945  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 945  
Leu Ile Arg Val Glu Gly Asn Leu Arg  
1 5

<210> 946  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 946  
Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 947  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 947  
Leu Asn Glu Ala Leu Glu Leu Lys  
1 5

<210> 948  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 948

Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys
1				5					10

<210> 949

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 949

Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu	Trp	Lys
1				5					10	

<210> 950

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 950

Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys
1				5				

<210> 951

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 951

Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5					10	

<210> 952

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 952

Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His
1				5				

<210> 953

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 953  
Met Thr Glu Val Val Arg Arg Cys Pro His  
1 5 10

<210> 954  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 954  
Met Thr Glu Val Val Arg Arg Cys Pro His His  
1 5 10

<210> 955  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 955  
Asn Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 956  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 956  
Asn Leu Arg Lys Lys Gly Glu Pro His  
1 5

<210> 957  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 957  
Asn Leu Arg Lys Lys Gly Glu Pro His His  
1 5 10

<210> 958  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 958  
Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg  
1 5 10

<210> 959  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 959  
Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5 10

<210> 960  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 960  
Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5 10

<210> 961  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 961  
Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5 10

<210> 962  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 962  
Asn Ser Ser Cys Met Gly Gly Met Asn Arg Arg

1

5

10

<210> 963  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 963  
Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 964  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 964  
Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5

<210> 965  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 965  
Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5 10

<210> 966  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 966  
Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5 10

<210> 967  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 967

Pro	Gly	Gly	Ser	Arg	Ala	His	Ser	Ser	His
1				5					10

<210> 968

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 968

Pro	Gly	Pro	Asp	Glu	Ala	Pro	Arg
1				5			

<210> 969

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 969

Pro	Gly	Thr	Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr
1				5						10

<210> 970

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 970

Pro	Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys
1				5					10

<210> 971

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 971

Pro	Asn	Asn	Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys
1				5						10

<210> 972

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 972

Pro	Ser	Gln	Lys	Thr	Tyr	Gln	Gly	Ser	Tyr
1				5					10

<210> 973

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 973

Gln	Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg
1				5					10

<210> 974

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 974

Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg
1				5					10

<210> 975

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 975

Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg	Arg
1				5					10	

<210> 976

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 976

Gln	Ser	Thr	Ser	Arg	His	Lys	Lys
1				5			

<210> 977

<211> 8



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 977  
Arg Ala His Ser Ser His Leu Lys  
1 5

<210> 978  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 978  
Arg Ala His Ser Ser His Leu Lys Ser Lys  
1 5 10

<210> 979  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 979  
Arg Ala His Ser Ser His Leu Lys Ser Lys Lys  
1 5 10

<210> 980  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 980  
Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His  
1 5 10

<210> 981  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 981  
Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg  
1 5 10

<210> 982  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 982  
Arg Gly Arg Glu Arg Phe Glu Met Phe Arg  
1 5 10

<210> 983  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 983  
Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10

<210> 984  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 984  
Arg Thr Glu Glu Glu Asn Leu Arg  
1 5

<210> 985  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 985  
Arg Thr Glu Glu Glu Asn Leu Arg Lys  
1 5

<210> 986  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 986  
Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys

1 5 10

<210> 987  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 987  
Arg Val Cys Ala Cys Pro Gly Arg  
1 5

<210> 988  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 988  
Arg Val Cys Ala Cys Pro Gly Arg Asp Arg  
1 5 10

<210> 989  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 989  
Arg Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5 10

<210> 990  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 990  
Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 991  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 991  
Arg Val Glu Tyr Leu Asp Asp Arg  
1 5

<210> 992  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 992  
Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 993  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 993  
Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5

<210> 994  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 994  
Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 995  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 995  
Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5

<210> 996  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 996

Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 997

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 997

Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 998

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 998

Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 999

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 999

Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5 10

<210> 1000

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1000

Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 1001

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1001  
Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 1002  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1002  
Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 1003  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1003  
Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 1004  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1004  
Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 1005  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1005  
Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 1006  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1006  
Ser Ser Ser Pro Gln Pro Lys Lys  
1 5

<210> 1007  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1007  
Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 1008  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1008  
Ser Ser Ser Val Pro Ser Gln Lys  
1 5

<210> 1009  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1009  
Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 1010  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1010  
Ser Ser Val Pro Ser Gln Lys Thr Tyr

1

5

<210> 1011  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1011  
Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 1012  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1012  
Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 1013  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1013  
Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 1014  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1014  
Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 1015  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 1015  
Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 1016  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1016  
Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 1017  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1017  
Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 1018  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1018  
Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5

<210> 1019  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1019  
Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 1020  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1020

Thr Ser Ser Ser Pro Gln Pro Lys  
1 5

<210> 1021

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1021

Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5

<210> 1022

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1022

Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
1 5 10

<210> 1023

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1023

Val Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 1024

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1024

Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5 10

<210> 1025

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1025  
Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5 10

<210> 1026  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1026  
Val Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 1027  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1027  
Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 1028  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1028  
Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 1029  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1029  
Val Val Arg Arg Cys Pro His His  
1 5

<210> 1030  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1030  
Val Val Arg Arg Cys Pro His His Glu Arg  
1 5 10

<210> 1031  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1031  
Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5 10

<210> 1032  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1032  
Tyr Phe Thr Leu Gln Ile Arg Gly Arg  
1 5

<210> 1033  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1033  
Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5 10

<210> 1034  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1034  
Tyr Gly Phe Arg Leu Gly Phe Leu His

1

5

<210> 1035  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1035  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 1036  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1036  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5 10

<210> 1037  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1037  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile  
1 5 10

<210> 1038  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1038  
Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu  
1 5 10

<210> 1039  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1039

Glu	Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu
1				5					10

<210> 1040

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1040

Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe
1				5				

<210> 1041

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1041

Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu
1				5			

<210> 1042

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1042

Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu	Thr	Ile
1				5					10

<210> 1043

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1043

Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu	Thr	Ile	Ile
1				5					10	

<210> 1044

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1044

Leu Met Leu Ser Pro Asp Asp Ile  
1 5

<210> 1045

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1045

Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5 10

<210> 1046

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1046

Leu Trp Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5 10

<210> 1047

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1047

Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5

<210> 1048

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1048

Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu  
1 5 10

<210> 1049

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1049  
Arg Phe Glu Met Phe Arg Glu Leu  
1 5

<210> 1050  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1050  
Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5

<210> 1051  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1051  
Ser Tyr Gly Phe Arg Leu Gly Phe Leu  
1 5

<210> 1052  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1052  
Thr Phe Ser Asp Leu Trp Lys Leu  
1 5

<210> 1053  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1053  
Thr Phe Ser Asp Leu Trp Lys Leu Leu  
1 5



<210> 1054  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1054  
Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 1055  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1055  
Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 1056  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1056  
Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5 10

<210> 1057  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1057  
Ala Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met  
1 5 10 15

<210> 1058  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1058  
Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly

1 5 10 15

<210> 1059  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1059  
Ala Pro Pro Val Ala Pro Ala Pro Ala Ala Pro Thr Pro Ala Ala  
1 5 10 15

<210> 1060  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1060  
Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val Ala Pro Ala Pro  
1 5 10 15

<210> 1061  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1061  
Ala Pro Ser Trp Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr  
1 5 10 15

<210> 1062  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1062  
Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met  
1 5 10 15

<210> 1063  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1063

Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe
1				5					10					15

<210> 1064

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1064

Asp	Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile	Glu	Gln	Trp	Phe	Thr	Glu
1				5					10					15

<210> 1065

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1065

Asp	Pro	Ser	Val	Glu	Pro	Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp
1				5					10					15

<210> 1066

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1066

Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe
1				5					10					15

<210> 1067

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1067

Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala	Met	Asp	Asp
1				5					10					15

<210> 1068

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1068

Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu	Trp	Val	Asp
1				5					10					15

<210> 1069

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1069

Phe	Ser	Asp	Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser
1				5					10					15

<210> 1070

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1070

Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10					15

<210> 1071

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1071

Gly	Thr	Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His
1				5					10					15

<210> 1072

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1072

His	His	Glu	Leu	Pro	Pro	Gly	Ser	Thr	Lys	Arg	Ala	Leu	Pro	Asn
1				5					10					15

<210> 1073

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1073  
His Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp  
1 5 10 15

<210> 1074  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1074  
His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn  
1 5 10 15

<210> 1075  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1075  
Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala Pro  
1 5 10 15

<210> 1076  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1076  
Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5 10 15

<210> 1077  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1077  
Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val Thr Cys Thr  
1 5 10 15

<210> 1078  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1078  
Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln  
1 5 10 15

<210> 1079  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1079  
Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu Ser  
1 5 10 15

<210> 1080  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1080  
Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly  
1 5 10 15

<210> 1081  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1081  
Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu  
1 5 10 15

<210> 1082  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1082  
Met Thr Glu Val Val Arg Arg Cys Pro His His Glu Arg Cys Ser

1 5 10 15

<210> 1083  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1083  
Asn Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys Glu Pro  
1 5 10 15

<210> 1084  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1084  
Asn Asn Val Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu  
1 5 10 15

<210> 1085  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1085  
Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro Asp  
1 5 10 15

<210> 1086  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1086  
Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10 15

<210> 1087  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1087

Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5					10					15

<210> 1088

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1088

Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg	Val	Arg
1				5					10					15

<210> 1089

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1089

Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val	Thr	Cys
1				5					10					15

<210> 1090

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1090

Arg	Asn	Ser	Phe	Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp
1				5					10					15

<210> 1091

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1091

Arg	Asn	Thr	Phe	Arg	His	Ser	Val	Val	Val	Pro	Tyr	Glu	Pro	Pro
1				5					10					15

<210> 1092

<211> 15

<212> PRT

<213> Artificial Sequence



<220>

<223> Synthetic Peptide

<400> 1092

Arg	Pro	Ile	Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn
1				5				10						15

<210> 1093

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1093

Arg	Arg	Pro	Ile	Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly
1				5				10						15

<210> 1094

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1094

Ser	Phe	Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
1				5				10						15

<210> 1095

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1095

Ser	Gly	Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg	Val	Cys
1				5				10						15

<210> 1096

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1096

Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys
1				5				10						15

<210> 1097

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1097  
Ser Gln Ala Met Asp Asp Leu Met Leu Ser Pro Asp Asp Ile Glu  
1 5 10 15

<210> 1098  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1098  
Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr Gly  
1 5 10 15

<210> 1099  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1099  
Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys  
1 5 10 15

<210> 1100  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1100  
Ser Trp Pro Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr Gln  
1 5 10 15

<210> 1101  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1101  
Ser Tyr Gly Phe Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10 15

<210> 1102  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1102  
Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val Val  
1 5 10 15

<210> 1103  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1103  
Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5 10 15

<210> 1104  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1104  
Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr  
1 5 10 15

<210> 1105  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1105  
Trp Lys Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu Pro Ser  
1 5 10 15

<210> 1106  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1106  
Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn Arg

1 5 10 15

<210> 1107  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1107  
Asp Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu  
1 5 10 15

<210> 1108  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1108  
Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5 10 15

<210> 1109  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1109  
Glu Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu  
1 5 10 15

<210> 1110  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1110  
Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala Pro Arg  
1 5 10 15

<210> 1111  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1111

Lys	Lys	Pro	Leu	Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly
1				5					10					15

<210> 1112

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1112

Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu	Gly
1				5					10					15

<210> 1113

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1113

Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro
1				5					10					15

<210> 1114

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1114

Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10					15

<210> 1115

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1115

Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5					10					15

<210> 1116

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1116

Gln	His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu
1				5					10					15

<210> 1117

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1117

Arg	Phe	Glu	Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu	Glu	Leu	Lys
1				5					10					15

<210> 1118

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1118

Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe	Arg	His	Ser	Val
1				5					10					15

<210> 1119

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1119

Ser	Val	Val	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys
1				5					10					15

<210> 1120

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1120

Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu
1				5					10					15

<210> 1121

<211> 15

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1121  
Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp  
1 5 10 15

<210> 1122  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1122  
Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val Val Arg  
1 5 10 15

<210> 1123  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1123  
Val Thr Cys Thr Tyr Ser Pro Ala Leu  
1 5

<210> 1124  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1124  
Leu Lys Asp Ala Gln Ala Gly Lys Glu  
1 5

<210> 1125  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1125  
Val Ala Pro Ala Pro Ala Ala Pro Thr  
1 5

<210> 1126  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1126  
Met Pro Glu Ala Ala Pro Pro Val Ala  
1 5

<210> 1127  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1127  
Trp Pro Leu Ser Ser Ser Val Pro Ser  
1 5

<210> 1128  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1128  
Ile His Tyr Asn Tyr Met Cys Asn Ser  
1 5

<210> 1129  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1129  
Tyr Phe Thr Leu Gln Ile Arg Gly Arg  
1 5

<210> 1130  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1130  
Leu Ser Pro Asp Asp Ile Glu Gln Trp



1

5

<210> 1131  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1131  
Val Glu Pro Pro Leu Ser Gln Glu Thr  
1 5

<210> 1132  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1132  
Leu Arg Val Glu Tyr Leu Asp Asp Arg  
1 5

<210> 1133  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1133  
Val Leu Ser Pro Leu Pro Ser Gln Ala  
1 5

<210> 1134  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1134  
Leu Ala Lys Thr Cys Pro Val Gln Leu  
1 5

<210> 1135  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1135  
Leu Trp Lys Leu Leu Pro Glu Asn Asn  
1 5

<210> 1136  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1136  
Leu Gly Phe Leu His Ser Gly Thr Ala  
1 5

<210> 1137  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1137  
Val Arg Ala Met Ala Ile Tyr Lys Gln  
1 5

<210> 1138  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1138  
Leu Pro Pro Gly Ser Thr Lys Arg Ala  
1 5

<210> 1139  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1139  
Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5

<210> 1140  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1140

Tyr Met Cys Asn Ser Ser Cys Met Gly  
1 5

<210> 1141

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1141

Trp Phe Thr Glu Asp Pro Gly Pro Asp  
1 5

<210> 1142

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1142

Leu Pro Asn Asn Thr Ser Ser Ser Pro  
1 5

<210> 1143

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1143

Leu His Ser Gly Thr Ala Lys Ser Val  
1 5

<210> 1144

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1144

Met Phe Cys Gln Leu Ala Lys Thr Cys  
1 5

<210> 1145

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1145  
Leu Pro Ser Gln Ala Met Asp Asp Leu  
1 5

<210> 1146  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1146  
Ile Thr Leu Glu Asp Ser Ser Gly Asn  
1 5

<210> 1147  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1147  
Met Asn Arg Arg Pro Ile Leu Thr Ile  
1 5

<210> 1148  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1148  
Val Val Arg Arg Cys Pro His His Glu  
1 5

<210> 1149  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1149  
Leu Glu Leu Lys Asp Ala Gln Ala Gly  
1 5

<210> 1150  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1150  
Leu Ser Pro Leu Pro Ser Gln Ala Met  
1 5

<210> 1151  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1151  
Ile Glu Gln Trp Phe Thr Glu Asp Pro  
1 5

<210> 1152  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1152  
Val Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 1153  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1153  
Leu Trp Val Asp Ser Thr Pro Pro Pro  
1 5

<210> 1154  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1154  
Val Asp Ser Thr Pro Pro Pro Gly Thr

1

5

<210> 1155  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1155  
Phe Leu His Ser Gly Thr Ala Lys Ser  
1 5

<210> 1156  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1156  
Phe Glu Val Arg Val Cys Ala Cys Pro  
1 5

<210> 1157  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1157  
Phe Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 1158  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1158  
Leu Thr Ile Ile Thr Leu Glu Asp Ser  
1 5

<210> 1159  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1159  
Ile Leu Thr Ile Ile Thr Leu Glu Asp  
1 5

<210> 1160  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1160  
Val Arg Val Cys Ala Cys Pro Gly Arg  
1 5

<210> 1161  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1161  
Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5

<210> 1162  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1162  
Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5

<210> 1163  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1163  
Met Asp Asp Leu Met Leu Ser Pro Asp  
1 5

<210> 1164  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1164

Val Pro Ser Gln Lys Thr Tyr Gln Gly  
1 5

<210> 1165

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1165

Val Pro Tyr Glu Pro Pro Glu Val Gly  
1 5

<210> 1166

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1166

Leu Ser Ser Ser Val Pro Ser Gln Lys  
1 5

<210> 1167

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1167

Phe Arg Leu Gly Phe Leu His Ser Gly  
1 5

<210> 1168

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1168

Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 1169

<211> 9



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1169  
Trp Val Asp Ser Thr Pro Pro Pro Gly  
1 5

<210> 1170  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1170  
Tyr Glu Pro Pro Glu Val Gly Ser Asp  
1 5

<210> 1171  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1171  
Leu Pro Glu Asn Asn Val Leu Ser Pro  
1 5

<210> 1172  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1172  
Met Cys Asn Ser Ser Cys Met Gly Gly  
1 5

<210> 1173  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1173  
Leu Ser Pro Asp Asp Ile Glu Gln Trp  
1 5

<210> 1174  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1174  
Leu Arg Val Glu Tyr Leu Asp Asp Arg  
1 5

<210> 1175  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1175  
Leu Ser Gln Glu Thr Phe Ser Asp Leu  
1 5

<210> 1176  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1176  
Phe Thr Glu Asp Pro Gly Pro Asp Glu  
1 5

<210> 1177  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1177  
Leu Asp Gly Glu Tyr Phe Thr Leu Gln  
1 5

<210> 1178  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1178  
Ile Thr Leu Glu Asp Ser Ser Gly Asn

1

5

<210> 1179  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1179  
Leu Leu Pro Glu Asn Asn Val Leu Ser  
1 5

<210> 1180  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1180  
Val Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 1181  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1181  
Leu Trp Val Asp Ser Thr Pro Pro Pro  
1 5

<210> 1182  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1182  
Ile Arg Val Glu Gly Asn Leu Arg Val  
1 5

<210> 1183  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1183  
Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5

<210> 1184  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1184  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 1185  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1185  
Val Pro Tyr Glu Pro Pro Glu Val Gly  
1 5

<210> 1186  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1186  
Phe Thr Leu Gln Ile Arg Gly Arg Glu  
1 5

<210> 1187  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1187  
Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5

<210> 1188  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1188

Tyr Lys Gln Ser Gln His Met Thr Glu  
1 5

<210> 1189

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1189

Tyr Leu Glu Pro Ala Ile Ala Lys Tyr  
1 5

<210> 1190

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1190

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1191

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1191

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1192

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1192

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1193

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1193  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1194  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1194  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1195  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1195  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1196  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1196  
Tyr Val Ile Lys Val Ser Ala Arg Val  
1 5

<210> 1197  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1197  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1198  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1198  
Ala Val Asp Leu Tyr His Phe Leu Lys  
1 5

<210> 1199  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1199  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1200  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1200  
Ser Thr Leu Pro Glu Thr Tyr Val Val Arg Arg  
1 5 10

<210> 1201  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1201  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1202  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1202  
Ala Tyr Ile Asp Asn Tyr Asn Lys Phe

1

5

<210> 1203  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1203  
Ala Pro Arg Thr Leu Val Tyr Leu Leu  
1 5

<210> 1204  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1204  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1205  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1205  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1206  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1206  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1207  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 1207  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1208  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1208  
Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 1209  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1209  
Tyr Lys Thr Ile Ala Phe Asp Glu Glu Ala Arg Arg  
1 5 10

<210> 1210  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1210  
Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 1211  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1211  
Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr  
1 5 10

<210> 1212  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1212

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

<210> 1213

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1213

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1214

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1214

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1215

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1215

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1216

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1216

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1217

<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1217  
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1218  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1218  
Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
1 5 10 15

<210> 1219  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1219  
Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1220  
<211> 24  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1220  
Gly Arg Thr Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile  
1 5 10 15  
Val Thr Pro Arg Thr Pro Pro Pro  
20

<210> 1221  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1221  
Asn Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu

1 5 10

<210> 1222  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1222  
Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr  
1 5 10

<210> 1223  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1223  
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1224  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1224  
Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 1225  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1225  
Lys Leu Leu Pro Glu Asn Asn Val Val  
1 5

<210> 1226  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1226  
Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu  
1 5 10

<210> 1227  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1227  
Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Val  
1 5 10

<210> 1228  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1228  
Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 1229  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1229  
Arg Leu Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 1230  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1230  
Arg Met Pro Glu Ala Ala Pro Pro Val Ala  
1 5 10

<210> 1231  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1231

Arg	Leu	Pro	Glu	Ala	Ala	Pro	Pro	Val	Val
1				5					10

<210> 1232

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1232

Arg	Met	Pro	Glu	Ala	Ala	Pro	Pro	Val	Val
1				5					10

<210> 1233

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1233

Ala	Ala	Pro	Pro	Val	Ala	Pro	Ala
1				5			

<210> 1234

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1234

Ala	Leu	Pro	Pro	Val	Ala	Pro	Val
1				5			

<210> 1235

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1235

Lys	Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg	Leu
1				5					10	

<210> 1236

<211> 11

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1236  
Lys Leu Tyr Gln Gly Ser Tyr Gly Phe Arg Val  
1 5 10

<210> 1237  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1237  
Phe Leu His Ser Gly Thr Ala Lys Ser Val Thr  
1 5 10

<210> 1238  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1238  
Phe Leu His Ser Gly Thr Ala Lys Ser Val Val  
1 5 10

<210> 1239  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1239  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1240  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1240  
Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1241  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1241  
Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1242  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1242  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 1243  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1243  
Ala Leu Asn Lys Met Phe Cys Gln Leu Val  
1 5 10

<210> 1244  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1244  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1245  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1245  
Lys Met Phe Cys Gln Leu Ala Lys Val



1

5

<210> 1246  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1246  
Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1247  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1247  
Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1248  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1248  
Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1249  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1249  
Cys Leu Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1250  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1250  
Asx Gln Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1251  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1251  
Asx Leu Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1252  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1252  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1253  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1253  
Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1254  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1254  
Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1255  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1255

Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1256

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1256

Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1257

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1257

Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1258

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1258

Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 1259

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1259

Lys Leu Ser Gln His Met Thr Glu Val  
1 5

<210> 1260

<211> 10

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1260  
Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1261  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1261  
Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1262  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1262  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 1263  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1263  
Cys Leu Thr Ile His Tyr Asn Tyr Val  
1 5

<210> 1264  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1264  
Asx Leu Thr Ile His Tyr Asn Tyr Val  
1 5

<210> 1265  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1265  
Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 1266  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1266  
Tyr Leu Cys Asn Ser Ser Cys Val  
1 5

<210> 1267  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1267  
Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 1268  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1268  
Tyr Leu Cys Asn Ser Ser Cys Met Gly Gly Val  
1 5 10

<210> 1269  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1269  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu

1

5

10

<210> 1270  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1270  
Ile Leu Leu Glu Asp Ser Ser Gly Asn Leu Val  
1 5 10

<210> 1271  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1271  
Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 1272  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1272  
Thr Leu Glu Asp Ser Ser Gly Asn Leu Val  
1 5 10

<210> 1273  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1273  
Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 1274  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1274

Gly Thr Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 1275

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1275

Pro Thr Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 1276

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1276

Gly Thr Asp Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 1277

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1277

Arg Val Asp Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 1278

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1278

Lys Val Tyr Gln Gly Ser Tyr Gly Phe Arg  
1 5 10

<210> 1279

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1279

Lys Val Tyr Gln Gly Ser Tyr Gly Phe Lys  
1 5 10

<210> 1280

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1280

Asx Val Tyr Ser Pro Ala Leu Asn Lys  
1 5

<210> 1281

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1281

Asx Val Tyr Ser Pro Ala Leu Asn Arg  
1 5

<210> 1282

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1282

Lys Val Phe Asx Gln Leu Ala Lys  
1 5

<210> 1283

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1283

Gly Val Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5 10

<210> 1284

<211> 9



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1284  
Arg Val Arg Ala Met Ala Ile Tyr Arg  
1 5

<210> 1285  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1285  
Ser Val Asx Met Gly Gly Met Asn Lys  
1 5

<210> 1286  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1286  
Ser Val Asx Met Gly Gly Met Asn Arg Lys  
1 5 10

<210> 1287  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1287  
Ser Val Asx Met Gly Gly Met Asn Arg  
1 5

<210> 1288  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1288  
Ser Val Asx Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 1289  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1289  
Arg Val Asx Ala Asx Pro Gly Arg Asp Arg Lys  
1 5 10

<210> 1290  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1290  
Ser Val Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 1291  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1291  
Ser Val Ser Arg His Lys Lys Leu Met Phe Arg  
1 5 10

<210> 1292  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1292  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1293  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1293  
Leu Leu Gly Arg Asp Ser Phe Glu Val

1

5

<210> 1294  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1294  
Leu Leu Gly Arg Asp Ser Phe Glu Val  
1 5

<210> 1295  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1295  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1296  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1296  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1297  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1297  
Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 1298  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1298  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 1299  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1299  
Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 1300  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1300  
Phe Leu His Ser Gly Thr Ala Lys Ser Val  
1 5 10

<210> 1301  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1301  
Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 1302  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1302  
Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5

<210> 1303  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1303

Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg	Leu
1				5					10

<210> 1304

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1304

Thr	Tyr	Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe
1				5					10

<210> 1305

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1305

Thr	Tyr	Leu	Trp	Trp	Val	Asn	Asn	Gln	Ser	Leu
1				5					10	

<210> 1306

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1306

Thr	Tyr	Leu	Trp	Trp	Val	Asn	Gly	Gln	Ser	Leu
1				5					10	

<210> 1307

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1307

Leu	Tyr	Trp	Val	Asn	Gly	Gln	Ser	Phe
1				5				

<210> 1308

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1308  
Glu Tyr Val Asn Ala Arg His Cys Phe  
1 5

<210> 1309  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1309  
Thr Tyr Ser Asp Leu Trp Lys Leu Phe  
1 5

<210> 1310  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1310  
Ser Tyr Gly Phe Arg Leu Gly Phe Phe  
1 5

<210> 1311  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1311  
Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Phe  
1 5 10

<210> 1312  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1312  
Phe Pro Ala Leu Asn Lys Met Phe  
1 5

<210> 1313  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1313  
Phe Pro Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5 10

<210> 1314  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1314  
Phe Pro Gly Thr Arg Val Arg Ala Ile  
1 5

<210> 1315  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1315  
Phe Pro Pro Gly Ser Thr Lys Arg Ala Leu  
1 5 10

<210> 1316  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1316  
Phe Pro Gln Pro Lys Lys Lys Pro Ile  
1 5

<210> 1317  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1317  
Phe Pro Gln Pro Lys Lys Lys Pro Leu

1

5

<210> 1318  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1318  
Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1319  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1319  
Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 1320  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1320  
Ala Leu Pro Pro Val Ala Pro Val  
1 5

<210> 1321  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1321  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1322  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide



<400> 1322  
Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1323  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1323  
Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1324  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1324  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1325  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1325  
Lys Met Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1326  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1326  
Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1327  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1327

Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1328

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1328

Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1329

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1329

Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1330

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1330

Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1331

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1331

Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1332

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1332  
Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1333  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1333  
Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1334  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1334  
Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1335  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1335  
Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1336  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1336  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 1337  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1337  
Ile Leu Leu Glu Asp Ser Ser Gly Asn Leu Val  
1 5 10

<210> 1338  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1338  
Tyr Thr Ala Val Val Pro Leu Val Tyr  
1 5

<210> 1339  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1339  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1340  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1340  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1341  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1341  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val

1 5 10

<210> 1342  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1342  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1343  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1343  
Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
1 5 10

<210> 1344  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1344  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1345  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1345  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1346  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1346  
Ala Tyr Ile Asp Asn Tyr Asn Lys Phe  
1 5

<210> 1347  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1347  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1348  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1348  
Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1349  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1349  
Ser Thr Leu Pro Glu Thr Tyr Val Val Arg Arg  
1 5 10

<210> 1350  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1350  
Phe Thr Gln Ala Gly Tyr Pro Ala Leu  
1 5

<210> 1351  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1351

Ala Pro Arg Thr Leu Val Tyr Leu Leu  
1 5

<210> 1352

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1352

Phe Leu Lys Asp Tyr Gln Leu Leu  
1 5

<210> 1353

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1353

Phe Arg Tyr Asn Gly Leu Ile His Arg  
1 5

<210> 1354

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1354

Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1355

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1355

Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1356

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1356  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1357  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1357  
Ala Glu Met Gly Lys Tyr Ser Phe Tyr  
1 5

<210> 1358  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1358  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1359  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1359  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1360  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1360  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5



<210> 1361  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1361  
Gln Tyr Asp Asp Ala Val Tyr Lys Leu  
1 5

<210> 1362  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1362  
Tyr Arg His Asp Gly Gly Asn Val Leu  
1 5

<210> 1363  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1363  
Tyr Arg His Asp Gly Gly Asn Val Leu  
1 5

<210> 1364  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1364  
Ser Gly Pro Ser Asn Thr Tyr Pro Glu Ile  
1 5 10

<210> 1365  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1365  
Arg Gly Tyr Val Phe Gln Gly Leu

1

5

<210> 1366  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1366  
Arg Gly Pro Tyr Arg Ala Phe Val Thr Ile  
1 5 10

<210> 1367  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1367  
Lys Phe Asn Pro Met Lys Thr Tyr Ile  
1 5

<210> 1368  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1368  
Ile Pro Gln Ser Leu Asp Ser Tyr Trp Thr Ser Leu  
1 5 10

<210> 1369  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1369  
Tyr Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 1370  
<211> 16  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1370  
Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr Pro Pro Tyr  
1 5 10 15

<210> 1371  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1371  
Tyr Ala Ala Phe Ala Ala Ala Lys Thr Ala Ala Ala Phe Ala  
1 5 10

<210> 1372  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1372  
Tyr Lys Thr Ile Ala Phe Asp Glu Glu Ala Arg Arg  
1 5 10

<210> 1373  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1373  
Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr  
1 5 10

<210> 1374  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1374  
Tyr Ala Arg Phe Gln Arg Gln Thr Thr Leu Lys Ala Ala Ala  
1 5 10

<210> 1375  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1375

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

<210> 1376

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1376

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

<210> 1377

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1377

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1378

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1378

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1379

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1379

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1380

<211> 14

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1380  
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1381  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1381  
Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1382  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1382  
Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
1 5 10 15

<210> 1383  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1383  
Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1384  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1384  
Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
1 5 10

<210> 1385  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1385  
Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 1386  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1386  
Asn Gly Gln Ile Gly Asn Asp Pro Asn Arg Asp Ile Leu  
1 5 10

<210> 1387  
<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1387  
Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr  
1 5 10

<210> 1388  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1388  
Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
1 5 10 15  
Ala

<210> 1389  
<211> 17  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1389

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
1 5 10 15  
Ala

<210> 1390

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1390

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
1 5 10 15  
Ala

<210> 1391

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1391

Tyr Asn Thr Asp Gly Ser Thr Asp Tyr Gly Ile Leu Gln Ile Asn Ser  
1 5 10 15  
Arg

<210> 1392

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1392

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
1 5 10 15  
Ala

<210> 1393

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1393

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala

1	5	10	15
Ala			

<210> 1394  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1394  
 Tyr Leu Glu Asp Ala Arg Arg Lys Lys Ala Ile Tyr Glu Lys Lys Lys  
 1 5 10 15

<210> 1395  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1395  
 Tyr Leu Glu Asp Ala Arg Arg Lys Lys Ala Ile Tyr Glu Lys Lys Lys  
 1 5 10 15

<210> 1396  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1396  
 Lys Leu Leu Pro Glu Asn Asn Val Leu  
 1 5

<210> 1397  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1397  
 Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu  
 1 5 10

<210> 1398  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence



<220>

<223> Synthetic Peptide

<400> 1398

Arg	Met	Pro	Glu	Ala	Ala	Pro	Pro	Val	Ala
1				5					10

<210> 1399

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1399

Arg	Met	Pro	Glu	Ala	Ala	Pro	Pro	Val
1				5				

<210> 1400

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1400

Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10

<210> 1401

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1401

Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr
1				5				

<210> 1402

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1402

Cys	Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val
1				5				

<210> 1403

<211> 8

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1403  
Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1404  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1404  
Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 1405  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1405  
Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val  
1 5 10

<210> 1406  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1406  
His Leu Ile Arg Val Glu Gly Asn Leu Arg Val  
1 5 10

<210> 1407  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1407  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 1408  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1408  
Asn Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5 10

<210> 1409  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1409  
Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5

<210> 1410  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1410  
Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1411  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1411  
Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 1412  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1412  
Ala Leu Pro Pro Val Ala Pro Val

1

5

<210> 1413  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1413  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 1414  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1414  
Lys Leu Tyr Gln Gly Ser Tyr Gly Phe Arg Val  
1 5 10

<210> 1415  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1415  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1416  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1416  
Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1417  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1417

Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1418

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1418

Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 1419

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1419

Ala Leu Asn Lys Met Phe Cys Gln Leu Val  
1 5 10

<210> 1420

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1420

Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1421

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1421

Lys Met Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1422

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1422

Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1423

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1423

Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1424

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1424

Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1425

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1425

Cys Leu Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1426

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1426

Asx Gln Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1427

<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1427  
Asx Leu Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1428  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1428  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1429  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1429  
Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1430  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1430  
Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1431  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1431  
Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1432  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1432  
Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1433  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1433  
Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1434  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1434  
Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 1435  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1435  
Lys Leu Ser Gln His Met Thr Glu Val  
1 5

<210> 1436  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1436  
Val Val Val Pro Tyr Glu Pro Pro Glu Val



1 5 10

<210> 1437  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1437  
Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1438  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1438  
Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 1439  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1439  
Tyr Leu Cys Asn Ser Ser Cys Met Gly Gly Val  
1 5 10

<210> 1440  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1440  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 1441  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1441  
Ile Leu Leu Glu Asp Ser Ser Gly Asn Leu Val  
1 5 10

<210> 1442  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1442  
Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 1443  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1443  
Ala Leu Pro Pro Val Ala Pro Val  
1 5

<210> 1444  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1444  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1445  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1445  
Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1446  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1446  
Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1447  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1447  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1448  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1448  
Lys Met Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1449  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1449  
Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1450  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1450  
Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1451  
<211> 9

<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1451  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1452  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1452  
Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1453  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1453  
Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1454  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1454  
Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1455  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1455  
Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1456  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1456  
Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1457  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1457  
Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1458  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1458  
Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1459  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1459  
Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 1460  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1460  
Ile Leu Leu Glu Asp Ser Ser Gly Asn Leu Val

1 5 10

<210> 1461  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1461  
Gly Phe Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val  
1 5 10 15

<210> 1462  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1462  
Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln  
1 5 10 15

<210> 1463  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1463  
Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu  
1 5 10 15

<210> 1464  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1464  
Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly  
1 5 10 15

<210> 1465  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1465

Lys	Arg	Ala	Leu	Pro	Asn	Asn	Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys
1				5					10					15

<210> 1466

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1466

Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe
1				5					10					15

<210> 1467

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1467

Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10					15

<210> 1468

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1468

Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val
1				5					10				

<210> 1469

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1469

Glu	Pro	Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu	Trp	Lys	Leu
1				5					10					15

<210> 1470

<211> 15

<212> PRT

<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1470  
Leu Trp Lys Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu Pro  
1 5 10 15

<210> 1471  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1471  
Asp Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu  
1 5 10 15

<210> 1472  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1472  
Glu Gln Trp Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala Pro Arg  
1 5 10 15

<210> 1473  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1473  
Pro Val Gln Leu Trp Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5 10 15

<210> 1474  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1474  
Met Ala Ile Tyr Lys Gln Ser Gln His Met Thr Glu Val Val Arg  
1 5 10 15

<210> 1475  
<211> 15



<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1475  
Gln His Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu  
1 5 10 15

<210> 1476  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1476  
Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp  
1 5 10 15

<210> 1477  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1477  
Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5 10 15

<210> 1478  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1478  
Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val  
1 5 10 15

<210> 1479  
<211> 15  
<212> PRT  
  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1479  
Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys  
1 5 10 15

<210> 1480  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1480  
Pro Pro Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10 15

<210> 1481  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1481  
Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu Gly  
1 5 10 15

<210> 1482  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1482  
Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly  
1 5 10 15

<210> 1483  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1483  
Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe Glu  
1 5 10 15

<210> 1484  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1484  
Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys

1	5	10	15
---	---	----	----

<210> 1485  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1485  
 Gly Phe Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val  
 1 5 10 15

<210> 1486  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1486  
 Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln  
 1 5 10 15

<210> 1487  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Artificial Peptide

<400> 1487  
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1488  
 <211> 21  
 <212> PRT  
 <213> Plasmodium falciparum

<400> 1488  
 Asp Ile Glu Lys Lys Ile Ala Lys Met Glu Lys Ala Ser Ser Val Phe  
 1 5 10 15  
 Asn Val Val Asn Ser  
 20

<210> 1489  
 <211> 16  
 <212> PRT  
 <213> Streptococcus Aureus

<400> 1489  
 Gly Ala Val Asp Ser Ile Leu Gly Gly Val Ala Thr Tyr Gly Ala Ala  
 1 5 10 15

<210> 1490  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Artificial Peptide

<221> MOD\_RES  
<222> (1)..(1)  
<223> Xaa = D-Ala or L-Ala

<221> MOD\_RES  
<222> (3)..(3)  
<223> Xaa = cyclohexylalanine, Phe or Tyr

<221> MOD\_RES  
<222> (13)..(13)  
<223> Xaa = D-Ala or L-Ala

<400> 1490  
Xaa Lys Xaa Val Trp Ala Asn Thr Leu Lys Ala Ala Xaa  
1 5 10

<210> 1491  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> DR7 preferred motif

<220>  
<221> VARIANT  
<222> (1)..(1)  
<223> Met, Phe, Leu, Ile, Val, Trp, or Tyr

<220>  
<221> VARIANT  
<222> (5)..(5)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (6)..(6)  
<223> Ile, Val, Met, Ser, Ala, Cys, Thr, Pro, or Leu

<220>  
<221> VARIANT  
<222> (8)..(8)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (9)..(9)  
<223> Ile or Val

<400> 1491  
Xaa Met Trp Ala Xaa Xaa Met Xaa Xaa  
1 5

<210> 1492  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> DR7 deleterious motif

<220>  
<221> VARIANT  
<222> (1)..(1)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (3)..(3)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (5)..(6)  
<223> May be any amino acid

<220>  
<221> VARIANT  
<222> (7)..(7)  
<223> Gly, Arg, or Asp

<400> 1492  
Xaa Cys Xaa Gly Xaa Xaa Xaa Asn Gly  
5

B  
Concl. 1